

Ocean Ranger 2018 Monthly Report Summary

Ship Name: Explorer of the Seas (REX)

Month: July 2018

Daily Reports

In-Port Reports	6
Voyage Reports	5
Total Reports	11

Items Identified/Findings

Date	Status	Location	Item	Conclusion
7 16 18	Closed Closed	SKG	I Oil Item (dockside) ► Non Vessel II Safety Item (dockside) ► Non Vessel	See Information See Information

Other Reports/ Information

Date	Type	Item	Conclusion
7 16 18	OR	I Oil leakage Fork-lifter Dock side Item: OR reported oil leak Fork-lifter at dockside vessel. GOR Made. ADEC / RCL request for Follow Up with SKG shore side operations. FWD USCG II Safety Ladder Dock Item: OR reported damaged section handrails emergency ladder RR dock. GOR made. ADEC / RCL Request for Follow Up with SKG Shore side operations. FWD USCG	FWD USCG FWD USCG

*- Open items are subject to future inspection by Ocean Rangers
and / or referral to the appropriate agencies*



A.0: Expectations

Complete the following in order of priority:

- Emergency items such as spills, near misses, or marine casualties
- Additional observations as requested by ADEC
- Items of opportunity/special circumstances
- Daily observation checks for each section
- Seasonal checklists
- WW and Oil sections
- Safety, opacity, waste, and sanitation sections

Regardless of the wording in the Job Aid for each monitored item, checking an item indicates only that you have monitored that item during the day, not that the item was satisfactory or unsatisfactory. If an item is unsatisfactory, your written comments must describe the conditions that have made that item unsatisfactory. Be as specific as possible in your comments. Checking an item but leaving no comments indicates the item was satisfactory.

A.1: General Information

A.1.a Date of Daily Report:	Jul 1, 2018
A.1.b Ship Name:	Royal Caribbean Explorer
A.1.b Ship Code:	REX
A.1.c Trip Type:	IP
A.1.d Ocean Ranger Name:	jonathan.driggers
A.1.e Location (port name if in-port, general location if not in port):	JNU
A.1.f Date Boarded:	Jul 1, 2018
A.1.g Number of Passengers and Crew-total number onboard [46 USC Sec 3501]:	5132

A.2: WW Information

A.2 Discharge in Alaska on report day?	No
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A.3: WW Sample Information

A.3 Sample Taken (Y/N)- If yes, fill in the following	No
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A.4: Waste Offloads Information

A.4 Waste Offloads (Y/N)- If yes, fill in the following	No
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A.5: Reportable Illness Information

A.5 Reportable Illness - If above 2% threshold and required to report to CDC [42 CFR 71.21]	No
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A.6: Scrubber Information

A.6 Scrubber used today?	No
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A.7: Fuel Information

A.7 Fuel used today?	Vessel only using MGO.
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A.8: Other Reports

A.8 Other report(s) worked on today:	None
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A.9: Comments & Photos

General Observation Comments	Vessel entered AK waters at 0300 hours. As vessel is Non Discharge, vessel secured WW discharging at 0243 hours, prior to entering AK waters. Vessel only using MGO. Vessel arrived at AJ Dock in JNU around 1200
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hours. I arrived at vessel for IP around 1300 hours. Vessel bunkering potable water. Had about 10 minute wait at gangway before EO arrived and escorted me onboard.

NOTE OF INTEREST- observed Security crew members wearing what appeared to be **body cams; This could be what's in store for the future of vessel crew, especially how it pertains to dealing with the public.**

Accompanied EO to ECR, Garbage Room, Cold Storage Room, Engine Room. EGCS installation still ongoing onboard. One of **vessel's Incinerators is out of service to have refractory redone.** Vessel only operating Incinerator outside AK waters. Gathered information and made observations for Daily Report. During my IP, no unauthorized discharges, safety issues, spills or sheens, etc. were observed. Vessel scheduled to depart JNU around 2100 hours, heading for its next port of SKG.

Photo 1



Photo 1 Caption - State specific location in detail, equipment description (if applicable), and date and time photo was taken.

Photo of vessel as it just arrived at AJ Dock in JNU. Clear stacks as vessel is only using MGO. Photo taken on 7/1/18 at around 1200 hours. Photo taken from onboard PCR.

Photo 2



Photo 2 Caption - State specific location in detail, equipment description (if applicable), and date and time photo was taken.

Vessel bunkering potable water while at AJ Dock in JNU. Hoses colored and stenciled for dedicated potable water use only, and hoses kept free of ground. Photo taken 7/1/18 at around 1250 hours.

Photo 3 Caption - State specific location in detail, equipment description (if applicable), and date and time photo was taken.

Vessel's WW Discharge Log, located in ECR. Log reflects vessel having secured WW discharging at 0243 hours, before entering AK waters. Photo taken 7/1/18 at around 1315 hours.

Photo 4

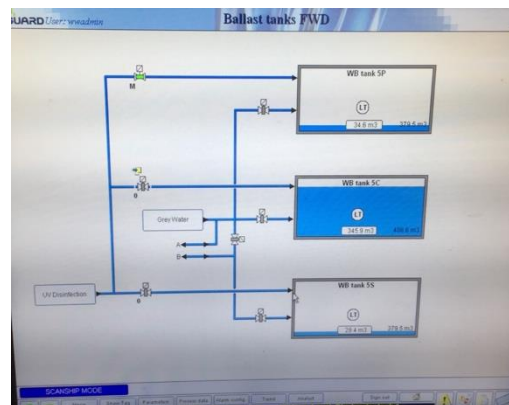


Photo 4 Caption - State specific location in detail, equipment description (if applicable), and date and time photo was taken.

Screen in ECR showing the 3 Ballast Water Tanks vessel is using for holding of WW. Sufficient holding capacity available for next 3 days, when vessel exits AK waters. Photo taken on 7/1/18 at around 1330 hours.

Photo 5

Date	Quantity	Description	Remarks
6/28/18	1.0	Non-Hazardous Waste	Offloaded in VIC
6/28/18	1.0	Hazardous Waste	Offloaded in VIC
6/28/18	1.0	Non-Hazardous Waste	Offloaded in VIC
6/28/18	1.0	Hazardous Waste	Offloaded in VIC
6/28/18	1.0	Non-Hazardous Waste	Offloaded in VIC
6/28/18	1.0	Hazardous Waste	Offloaded in VIC
6/28/18	1.0	Non-Hazardous Waste	Offloaded in VIC
6/28/18	1.0	Hazardous Waste	Offloaded in VIC
6/28/18	1.0	Non-Hazardous Waste	Offloaded in VIC
6/28/18	1.0	Hazardous Waste	Offloaded in VIC

Photo 5 Caption - State specific location in detail, equipment description (if applicable), and date and time photo was taken.

Log of NonHazardous and Hazardous Waste reflecting vessel had just offloaded in VIC on 6/28/18. Photo taken on 7/1/18 at around 1345 hours.

1.1 WW Daily Observations

1.1.a Observed?

Yes

Remarks

As vessel is Non Discharge, WW Discharge Log reflects vessel having discharged while outside AK waters, and secured WW

1.1.b Observed?	discharging at 0243 hours on this report day before entering AK waters.
Remarks	Yes
1.1.c Observed?	As vessel is Non Discharge, WW Discharge Log reflects vessel having discharged while outside AK waters, and secured WW discharging at 0243 hours on this report day before entering AK waters.
Remarks	No
1.1.d Observed?	Vessel had no discharges ashore on this report day.
Remarks	Yes
1.1.e Observed?	As vessel is Non Discharge, WW Discharge Log reflects vessel having discharged while outside AK waters, and secured WW discharging at 0243 hours on this report day before entering AK waters. No unauthorized discharges observed during my IP in JNU.
Remarks	Yes
	As vessel is Non Discharge, WW Discharge Log reflects vessel having discharged while outside AK waters, and secured WW discharging at 0243 hours on this report day before entering AK waters.

1.2 General WW and EPA VGP

1.2.a Observed?	No
Remarks	Boiler blow downs done outside AK waters.
1.2.b Observed?	No
Remarks	Chlorine and bio fouling chemicals not used in vessel's MGPS.
1.2.c Observed?	Yes
Remarks	Cathodic protection being used onboard and in apparent good working order.
1.2.d Observed?	Yes
Remarks	No evidence observed of hazardous or prohibited materials entering vessel's WW or bilge systems.
1.2.e Observed?	No
Remarks	Pools and jacuzzis discharged outside AK waters. Pools and jacuzzis observed full and open to passengers.
1.2.f Observed?	No
Remarks	No deck wash down or hull cleaning observed during my IP in JNU.
1.2.g Observed?	No
Remarks	Vessel did not anchor on this report day.
1.2.h Observed?	No
Remarks	Vessel in the process of having EGCS installed.

1.3 Permitted Vessels

1.3.a Observed?	No
Remarks	N/A; Vessel is Non Discharge.

Remarks

No

N/A; Vessel is Non Discharge.

1.3.c Observed?

No

N/A; Vessel is Non Discharge.

Remarks

1.3.d Observed?

No

N/A; Vessel is Non Discharge.

Remarks

1.3.e Observed?

No

N/A; Vessel is Non Discharge.

Remarks

1.3.f Observed?

No

N/A; Vessel is Non Discharge.

Remarks

1.3.g Observed?

No

N/A; Vessel is Non Discharge.

Remarks

1.3.h Observed?

No

N/A; Vessel is Non Discharge.

Remarks

1.3.i Observed?

No

N/A; Vessel is Non Discharge.

Remarks

1.3.j Observed?

No

N/A; Vessel is Non Discharge.

Remarks

1.4 Non-Disch VsIs and Permitted VsIs in no-disch areas

1.4.a Observed?

Yes

Remarks

As vessel is Non Discharge, WW Discharge Log reflects vessel having discharged while outside AK waters, and secured WW discharging at 0243 hours on this report day before entering AK waters.

1.4.b Observed?

Yes

Remarks

As vessel is Non Discharge, WW Discharge Log reflects vessel having discharged while outside AK waters, and secured WW discharging at 0243 hours on this report day before entering AK waters. Overboard discharge valves verified closed and secured.

1.4.c Observed?

Yes

Remarks

As vessel is Non Discharge, WW Discharge Log reflects vessel having discharged while outside AK waters, and secured WW discharging at 0243 hours on this report day before entering AK waters. Sufficient holding capacity observed for next three days vessel in AK waters.

2.1 Solid Waste (Garbage) Daily

2.1.a Observed?

Yes

Remarks

Garbage Logs observed to be up to date.

2.1.b Observed?

No

Remarks

Vessel had no offloads during my IP in JNU.

2.1.c Observed?

Yes

Remarks

Offload records observed to be certified.

Remarks

Yes

Garbage onboard is sorted, segregated, and prepped for incineration or offload outside AK waters.

2.2 General Solid Waste (Garbage)

2.2.a Observed?

No

Remarks

No maintenance or repairs observed on this report day.

2.2.b Observed?

Yes

Remarks

No evidence observed of plastics or synthetics being discharged overboard.

2.2.c Observed?

No

Remarks

No chute onboard.

3.1 Haz Waste Daily

3.1.a Observed?

Yes

Remarks

Hazardous Waste Logs observed to be up to date.

3.1.b Observed?

No

Remarks

Vessel had no offloads on this report day. All offloads done outside AK waters.

3.1.c Observed?

Yes

Remarks

Reasonable accumulations observed onboard as vessel just had offloads in VIC on 6/28/18.

3.2 General Haz Waste and Haz Materials

3.2.a Observed?

Yes

Remarks

Hazardous waste and materials onboard are tracked, logged, and offloaded outside AK waters.

3.2.b Observed?

Yes

Remarks

Hazardous waste onboard is sorted, segregated, and stored until offload outside AK waters.

3.2.c Observed?

Yes

Remarks

No evidence observed of hazardous materials being discharged overboard.

3.2.d Observed?

Yes

Remarks

Hazardous materials kept in Cold Storage Room until offload outside AK waters.

3.2.e Observed?

Yes

Remarks

All hazardous waste onboard is sorted, segregated, and stored until offload outside AK waters.

3.2.f Observed?

No

Remarks

No maintenance or repairs observed on this report day.

4.1: Visible Emissions; Air Quality

4.1.a Observed?

Yes

Remarks

Stack emissions being monitored via video cameras at the stacks. Vessel only using

4.1.b Observed?	MGO. No Opacity Monitoring Equipment onboard.
Remarks	No
4.1.c Observed?	In the event of any opacity issues, vessel submits all pertinent information to Home Office.
Remarks	No
4.1.d Observed?	Incinerator not observed in operation. Incinerator being ran outside AK waters.
Remarks	No
4.1.e Observed?	Clean and clear emissions observed on this report day, no opacity issues.
Remarks	Yes
	Vessel currently only using MGO.

5.1: Safety

5.1.a Observed?	Yes
Remarks	Crew observed following safety procedures and using proper PPE in performance of their duties onboard.
5.1.b Observed?	No
Remarks	No marine casualties observed on this report day.
5.1.c Observed?	Yes
Remarks	Crew observed following MSDS recommendations for handling, storage, and PPE use with chemicals onboard.

6.1: Potable Water (if applicable)

6.1.a Observed?	Yes
Remarks	Vessel bunkered potable water while pierside at AJ Dock in JNU.
6.1.b Observed?	Yes
Remarks	Hoses observed to be colored and stenciled for dedicated potable water use only.
6.1.c Observed?	Yes
Remarks	Hoses observed kept free of ground while bunkering potable water in JNU.
6.1.d Observed?	Yes
Remarks	Backflow prevention in place and no cross connections observed while bunkering potable water in JNU.

6.2: Swimming Pool & Spa Sanitation; Safety

6.2.a Observed?	No
Remarks	Not observed on this report day.
6.2.b Observed?	No
Remarks	Not observed on this report day.
6.2.c Observed?	No
Remarks	Not observed on this report day.

7.1: Oil Pollution; Fuel, Daily

7.1.a Observed?	Yes
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Remarks

No sheens or spills observed on or near vessel on this report day.

7.1.b Observed?

Yes

Remarks

Vessel's ORB is up to date and reflects last offloads and discharges outside AK waters.

7.1.c Observed?

Yes

Remarks

Vessel's ORB contains entries for internal tank to tank transfers.

7.1.d Observed?

Yes

Remarks

Oil to Sea Interface Log observed with no apparent leaking or losses of oil noted.

7.2: Oil Pollution; OWS

7.2.a Observed?

Yes

Remarks

No changes to OWS or associated piping observed.

7.2.b Observed?

No

Remarks

OWS not observed in operation.

7.2.c Observed?

No

Remarks

OWS not observed in operation.

7.2.d Observed?

No

Remarks

OWS not observed in operation.

7.2.e Observed?

Yes

Remarks

No evidence observed of dispersants being used in or around oil tanks or lubrication systems.

7.2.f Observed?

Yes

Remarks

No evidence observed of jumpers, bypasses, etc. being used in or around OWS or associated equipment.

7.2.g Observed?

No

Remarks

OWS not observed in operation.

7.2.h Observed?

No

Remarks

OWS not observed in operation.

7.2.i Observed?

No

Remarks

OWS not observed in operation.

7.2.j Observed?

Yes

Remarks

No evidence observed of OWS being bypassed or of oil being directly discharged overboard.

7.3: Bilges

7.3.a Observed?

Yes

Remarks

Bilges observed to be clean and free of oil and hazardous materials.

7.3.b Observed?

Yes

Remarks

Bulkheads, piping, etc. observed to be clean and free of residues.

7.3.c Observed?

Yes

7.3.d Observed?

No evidence observed of machinery having excessive leaking of oil.

Yes

Remarks

No evidence observed of oil or hazardous materials being directly discharged into bilges.

7.3.e Observed?

Yes

Remarks

No evidence observed of detergents being used in or around OWS or associated equipment.

7.3.f Observed?

Yes

Remarks

Valves observed to be closed and secured.

7.4: Oil Sludge Handling

7.4.a Observed?

No

Remarks

Sludge and spent lube oils offloaded outside AK waters.

7.4.b Observed?

No

Remarks

All sludge offloaded outside AK waters. No incineration of sludge onboard.

7.4.c Observed?

No

Remarks

All sludge offloaded outside AK waters. No blending with fuel onboard.

7.5: Lifeboats; security vessels, Tendering Boats; Deck

7.5.a Observed?

No

Remarks

Not observed on this report day.

7.5.b Observed?

Yes

Remarks

Topside equipment observed with no evidence of oil or grease falling onto decks below or into the water.

7.5.c Observed?

No

Remarks

No special actions observed on this report day.

7.6: Oil to Sea Interface

7.6.a Observed?

Yes

Remarks

Oil to Sea Interface Log observed with no apparent leaking or losses of oil noted.

7.6.b Observed?

Yes

Remarks

Oil to Sea Interface Log reflects types of oil and amounts added, if any, to various systems onboard.

7.6.c Observed?

Yes

Remarks

Oil to Sea Interface Log and waterline around vessel observed with no apparent leaking or losses of oil noted.

Z.1: Summary, Signature & Submit

Does this report contain an observation of interest? If you had an access issue, that is considered an observation of interest and you should select YES. Please enter a brief description in the comments, and also fill out a General Access Report.

—

A handwritten signature in black ink, appearing to read "Jonathan Riggs". The signature is fluid and cursive, with a large initial "J" and a stylized "R".



A.0: Expectations

Complete the following in order of priority:

- Emergency items such as spills, near misses, or marine casualties
- Additional observations as requested by ADEC
- Items of opportunity/special circumstances
- Daily observation checks for each section
- Seasonal checklists
- WW and Oil sections
- Safety, opacity, waste, and sanitation sections

Regardless of the wording in the Job Aid for each monitored item, checking an item indicates only that you have monitored that item during the day, not that the item was satisfactory or unsatisfactory. If an item is unsatisfactory, your written comments must describe the conditions that have made that item unsatisfactory. Be as specific as possible in your comments. Checking an item but leaving no comments indicates the item was satisfactory.

A.1: General Information

A.1.a Date of Daily Report:	Jul 2, 2018
A.1.b Ship Name:	Royal Caribbean Explorer
A.1.b Ship Code:	REX
A.1.c Trip Type:	IP
A.1.d Ocean Ranger Name:	todd.stafford
A.1.e Location (port name if in-port, general location if not in port):	SKG
A.1.f Date Boarded:	Jul 2, 2018
A.1.g Number of Passengers and Crew-total number onboard [46 USC Sec 3501]:	5134

A.2: WW Information

A.2 Discharge in Alaska on report day?	No
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A.3: WW Sample Information

A.3 Sample Taken (Y/N)- If yes, fill in the following	No
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A.4: Waste Offloads Information

A.4 Waste Offloads (Y/N)- If yes, fill in the following	No
---------------------------------------------------------	----

A.5: Reportable Illness Information

A.5 Reportable Illness - If above 2% threshold and required to report to CDC [42 CFR 71.21]	No
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A.6: Scrubber Information

A.6 Scrubber used today?	No
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A.7: Fuel Information

A.7 Fuel used today?	MGO only was used today.
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A.8: Other Reports

A.8 Other report(s) worked on today:	None
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A.9: Comments & Photos



Photo 1 Caption - State specific location in detail, equipment description (if applicable), and date and time photo was taken.

Cathelco unit appears to be operating IAW labeling suggestions.

July 2, 12:00
RRA Dock SKG

Photo 2

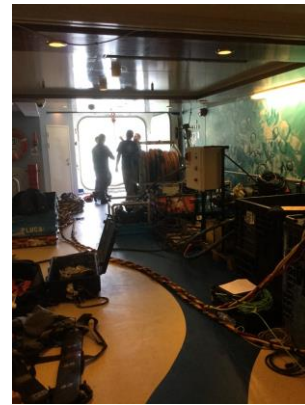


Photo 2 Caption - State specific location in detail, equipment description (if applicable), and date and time photo was taken.

Miami Divers contractor has divers in the water today in SKG performing hull cleaning operations to the Port side. The Starboard side was done one year ago in SKG also.

July 2, 12:20
RRA dock SKG.

Photo 3



Photo 3 Caption - State specific location in detail, equipment description (if applicable), and date and time photo was taken.

OWS/White Box overboard valve appears to be closed and secured.

July 2, 11:40



Photo 4 Caption - State specific location in detail, equipment description (if applicable), and date and time photo was taken.

Waste oil Tank in between DG's was being ventilated for entry and cleaning operations. Confined spaces permit on hand. July 2, 11:35.

Photo 5



Photo 5 Caption - State specific location in detail, equipment description (if applicable), and date and time photo was taken.

Inside of Incinerator 2 is having new refractory installed by outside contractor. Confined space entry permit is on hand and completed. July 2, 11:25

1.1 WW Daily Observations

1.1.a Observed?

Yes

Remarks

Daily WW discharge volumes appear to be maintained with detail and are complete. Most recent WW discharges were discontinued on July 1 at 02:43

1.1.b Observed?

Yes

1.1.c Observed?

No

1.1.d Observed?

Yes

Remarks

Unpermitted discharges of any kind were not apparent or indicated.

1.1.e Observed?

Yes

Remarks

Vessel only discharges outside of Alaska.

1.2 General WW and EPA VGP

1.2.a Observed?

No

1.2.b Observed?

No

Remarks

Chemicals are not used within the sea water systems on this vessel.

1.2.c Observed?

Yes

1.2.d Observed?

See photo 1 of Cathelco unit in operation at RRA dock in SKG.

Yes

Remarks

There was no indications of these wastes entering the bilge or WW systems.

1.2.e Observed?

No

1.2.f Observed?

No

1.2.g Observed?

No

Remarks

Anchors were not used today in SKG.

1.2.h Observed?

No

Remarks

2 Scrubber units are being installed and are far from completion. EO stated no contractors are currently working on installation due to visa issues. Work will only commence once vessel reaches Australia.

1.3 Permitted Vessels

1.3.a Observed?

No

Remarks

N/A

1.3.b Observed?

No

1.3.c Observed?

Yes

Remarks

Although vessel only discharges outside of Alaska the WW Log entries appear to be detailed and complete.

1.3.d Observed?

Yes

1.3.e Observed?

No

Remarks

N/A
Vessel only discharges outside of Alaska.

1.3.f Observed?

No

1.3.g Observed?

Yes

Remarks

Food wastes are only discharged outside of Alaska. Most recent food waste discharge was discontinued at 02:00 on July 1. Used galley oils are only offloaded outside of Alaska.

1.3.h Observed?

No

Remarks

N/A
OR did observe sampling point that is used for internal sample events. Sample points are located directly off the UV sterilization units.

1.3.i Observed?

No

Remarks

N/A

1.3.j Observed?

No

1.4 Non-Disch Vsls and Permitted Vsls in no-disch areas

1.4.a Observed?

Yes

Remarks

Unpermitted discharges were not observed or indicated today in SKG.

1.4.b Observed?

Yes

Remarks

All observed overboard valves appear to be closed and secured today. See photo 3 of OWS/White Box overboard valve that

1.4.c Observed?

appears to be closed and secured.

Yes

Remarks

REX WW holding capacity appears to be sufficient for vessel requirements and itinerary.

2.1 Solid Waste (Garbage) Daily

2.1.a Observed?

Yes

Remarks

Garbage logs appear to be maintained detailed and complete.

2.1.b Observed?

No

Remarks

Garbage was not offloaded today in SKG.

2.1.c Observed?

No

2.1.d Observed?

Yes

Remarks

Shipboard Garbage appears to be well managed and documented.

2.2 General Solid Waste (Garbage)

2.2.a Observed?

No

2.2.b Observed?

Yes

Remarks

None observed.

2.2.c Observed?

No

3.1 Haz Waste Daily

3.1.a Observed?

Yes

Remarks

Hazardous waste logs appear to be maintained current and complete.

3.1.b Observed?

No

Remarks

Hazardous wastes are stored for offload outside of Alaska only.

3.1.c Observed?

Yes

Remarks

Waste accumulation amounts appear to be consistently reasonable.

3.2 General Haz Waste and Haz Materials

3.2.a Observed?

Yes

3.2.b Observed?

Yes

Remarks

Shipboard Garbage appears to be well managed and documented.

3.2.c Observed?

Yes

Remarks

There are no indications of plastic or other materials being discharged overboard.

3.2.d Observed?

Yes

Remarks

Hazardous materials and wastes appear to be managed well and documented accordingly.

3.2.e Observed?

Yes

Remarks

These materials appear to be well managed and documented.

3.2.f Observed?

No

4.1: Visible Emissions; Air Quality

Remarks

Yes

Stack emissions are minimized by only using MGO. Stack monitoring system is only done visually from the ECR cameras currently. Stack sensors may be installed one Scrubber system is complete.

4.1.b Observed?

Yes

4.1.c Observed?

Yes

Remarks

Incinerator operations were discontinued on July 1 at 02:43

4.1.d Observed?

Yes

Remarks

None observed.

4.1.e Observed?

Yes

Remarks

Most recent fuel bunker from June 29 indicated a 0.0008% sulfur content. 750mt.

5.1: Safety

5.1.a Observed?

Yes

Remarks

Multiple cleaning, maintenance and repair operations were observed.

5.1.b Observed?

No

5.1.c Observed?

Yes

Remarks

PPE appeared to be used where appropriate.

6.1: Potable Water (if applicable)

6.1.a Observed?

Yes

Remarks

Potable water hook up appears to be done IAW requirements.

6.1.b Observed?

Yes

Remarks

Potable water bunker station manifold connections are capped and covered.

6.1.c Observed?

Yes

Remarks

Potable water hoses are stored in a elevated and secured cabinets.

6.1.d Observed?

Yes

Remarks

Back flow prevention system was observed in use today on RRA dock SKG.

6.2: Swimming Pool & Spa Sanitation; Safety

6.2.a Observed?

No

6.2.b Observed?

No

6.2.c Observed?

No

7.1: Oil Pollution; Fuel, Daily

7.1.a Observed?

Yes

Remarks

Sheens or spills were not observed today.

7.1.b Observed?

Yes

Remarks

The ORB entries appear to be current and complete.

7.1.c Observed?

Yes

7.1.d Observed?

ORB entries appear to be detailed and complete.

Yes

Remarks

There appear to be no recent losses of oil to sea and documentation appears to be current and complete.

7.2: Oil Pollution; OWS

7.2.a Observed?

Yes

Remarks

No changes to this system is apparent or indicated.

7.2.b Observed?

No

Remarks

OWS unit was not operating when observed.

7.2.c Observed?

No

7.2.d Observed?

No

7.2.e Observed?

No

7.2.f Observed?

Yes

Remarks

No electrical changes or jumpers were observed.

7.2.g Observed?

No

7.2.h Observed?

No

7.2.i Observed?

No

7.2.j Observed?

Yes

Remarks

No indications of bypasses or direct discharges are apparent or indicated.

7.3: Bilges

7.3.a Observed?

Yes

Remarks

None observed

7.3.b Observed?

Yes

Remarks

None observed

7.3.c Observed?

Yes

Remarks

Excessive oil leakage is not observed or indicated.

7.3.d Observed?

Yes

Remarks

None observed

7.3.e Observed?

Yes

Remarks

None observed

7.3.f Observed?

Yes

Remarks

See photo 3 of OWS/White Box overboard valve appears to be closed and secured.

7.4: Oil Sludge Handling

7.4.a Observed?

No

Remarks

Sludges are only offloaded outside of Alaska.

7.4.b Observed?

Yes

Remarks

Sludge handling operations are observed documented within the ORB.

No

7.5: Lifeboats; security vessels, Tendering Boats; Deck

7.5.a Observed?

No

7.5.b Observed?

No

7.5.c Observed?

No

7.6: Oil to Sea Interface

7.6.a Observed?

Yes

Remarks

These areas appear to be maintained well.

7.6.b Observed?

No

7.6.c Observed?

Yes

Remarks

No unusual losses are observed or indicated from any oil to sea interface systems.

Z.1: Summary, Signature & Submit

Does this report contain an observation of interest? If you had an access issue, that is considered an observation of interest and you should select YES. Please enter a brief description in the comments, and also fill out a General Access Report.

—

Ranger Signature





A.0: Expectations

Complete the following in order of priority:

- Emergency items such as spills, near misses, or marine casualties
- Additional observations as requested by ADEC
- Items of opportunity/special circumstances
- Daily observation checks for each section
- Seasonal checklists
- WW and Oil sections
- Safety, opacity, waste, and sanitation sections

Regardless of the wording in the Job Aid for each monitored item, checking an item indicates only that you have monitored that item during the day, not that the item was satisfactory or unsatisfactory. If an item is unsatisfactory, your written comments must describe the conditions that have made that item unsatisfactory. Be as specific as possible in your comments. Checking an item but leaving no comments indicates the item was satisfactory.

A.1: General Information

A.1.a Date of Daily Report:	Jul 8, 2018
A.1.b Ship Name:	Royal Caribbean Explorer
A.1.b Ship Code:	REX
A.1.c Trip Type:	IP
A.1.d Ocean Ranger Name:	thomas.cook
A.1.e Location (port name if in-port, general location if not in port):	JNU
A.1.f Date Boarded:	Jul 8, 2018
A.1.g Number of Passengers and Crew-total number onboard [46 USC Sec 3501]:	3514

A.2: WW Information

A.2 Discharge in Alaska on report day?	No
----------------------------------------	----

A.3: WW Sample Information

A.3 Sample Taken (Y/N)- If yes, fill in the following	No
-------------------------------------------------------	----

A.4: Waste Offloads Information

A.4 Waste Offloads (Y/N)- If yes, fill in the following	No
---------------------------------------------------------	----

A.5: Reportable Illness Information

A.5 Reportable Illness - If above 2% threshold and required to report to CDC [42 CFR 71.21]	No
---------------------------------------------------------------------------------------------	----

A.6: Scrubber Information

A.6 Scrubber used today?	No
--------------------------	----

A.7: Fuel Information

A.7 Fuel used today?	MGO fuel used because the scrubber is not operational yet.
----------------------	------------------------------------------------------------

A.8: Other Reports

A.8 Other report(s) worked on today:	None
--------------------------------------	------

A.9: Comments & Photos

General Observation Comments	Basically this is a sister ship to Radiance with same lay out.
------------------------------	----------------------------------------------------------------

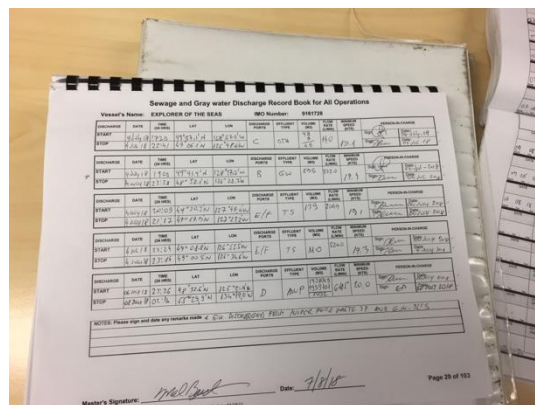


Photo 1 Caption - State specific location in detail, equipment description (if applicable), and date and time photo was taken.

This is sewage record book up to date and signed this ship on discharged at least 10 miles out photo taken ERC 1400.

Photo 2

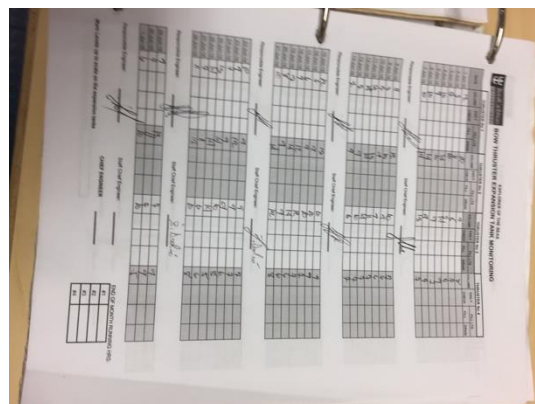


Photo 2 Caption - State specific location in detail, equipment description (if applicable), and date and time photo was taken.

This one page interface logs for one piece of machinery there are quite of few different pieces of equipment on the interface logs this photo taken in ECR.

Photo 3

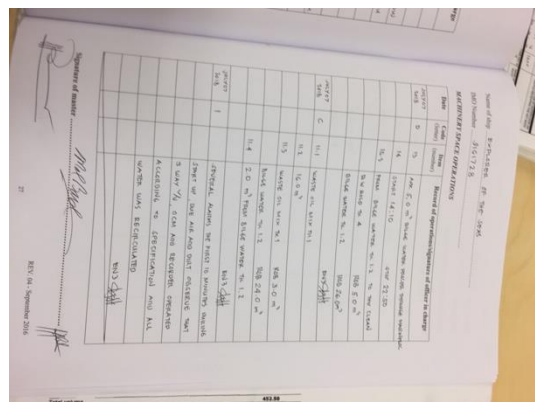


Photo 3 Caption - State specific location in detail, equipment description (if applicable), and date and time photo was taken.

This is photo of oily log current and signed by CE and Captain this was Taken EVR 1445.

1.1 WW Daily Observations

1.1.a Observed?

No

Remarks

Not observed

1.1.b Observed?

No

Remarks

Not observed

1.1.c Observed?

No

Remarks

Not observed

Remarks

No

Not observed

1.1.e Observed?

No

Remarks

Not observed

1.2 General WW and EPA VGP

1.2.a Observed?

Yes

Remarks

Goes into a dedicated holding tank to be discharged later.

1.2.b Observed?

No

Remarks

Not observed

1.2.c Observed?

Yes

Remarks

They use cathodic hull protection.

1.2.d Observed?

No

Remarks

Not observed

1.2.e Observed?

No

Remarks

Not observed

1.2.f Observed?

No

Remarks

Not observed

1.2.g Observed?

No

Remarks

Not observed

1.2.h Observed?

No

Remarks

Not observed

1.3 Permitted Vessels

1.3.a Observed?

No

Remarks

Not observed

1.3.b Observed?

No

Remarks

Not observed

1.3.c Observed?

No

Remarks

Not observed

1.3.d Observed?

No

Remarks

Not observed

1.3.e Observed?

No

Remarks

Not observed

1.3.f Observed?

No

Remarks

Not observed

1.3.g Observed?

Yes

Remarks

Galley oil is stowed properly and offload in Canada.

1.3.h Observed?

Yes

Remarks

Locked out and tagged.

1.3.i Observed?

No

1.3.j Observed?

Not observed

No

Remarks

Not observed

1.4 Non-Disch VsIs and Permitted VsIs in no-disch areas

1.4.a Observed?

N/A

1.4.b Observed?

Yes

Remarks

Locked and tagged out

1.4.c Observed?

Yes

Remarks

They have sufficient room to hold the product.

2.1 Solid Waste (Garbage) Daily

2.1.a Observed?

No

Remarks

Not observed

2.1.b Observed?

No

Remarks

Not observed

2.1.c Observed?

No

Remarks

Not observed

2.1.d Observed?

No

Remarks

Not observed

2.2 General Solid Waste (Garbage)

2.2.a Observed?

No

Remarks

Not observed

2.2.b Observed?

No

Remarks

Not observed

2.2.c Observed?

Yes

Remarks

Chute is clean and locked

3.1 Haz Waste Daily

3.1.a Observed?

No

Remarks

Not observed

3.1.b Observed?

No

Remarks

Not observed

3.1.c Observed?

No

Remarks

Not observed

3.2 General Haz Waste and Haz Materials

3.2.a Observed?

No

Remarks

Not observed

3.2.b Observed?

No

Remarks

Not observed

3.2.c Observed?

No

Remarks

Not observed

Remarks

No

Not observed

3.2.e Observed?

No

Remarks

Not observed

3.2.f Observed?

No

Remarks

Not observed

4.1: Visible Emissions; Air Quality

4.1.a Observed?

Yes

Remarks

Stacks were clear no heavy smoke

4.1.b Observed?

No

Remarks

Not observed

4.1.c Observed?

No

Remarks

Not observed

4.1.d Observed?

No

Remarks

Not observed

4.1.e Observed?

Yes

Remarks

Running on MGO because of no scrubber.

5.1: Safety

5.1.a Observed?

No

Remarks

Not observed

5.1.b Observed?

No

Remarks

Not observed

5.1.c Observed?

No

Remarks

Not observed

6.1: Potable Water (if applicable)

6.1.a Observed?

No

Remarks

Not observed

6.1.b Observed?

No

Remarks

Not observed

6.1.c Observed?

No

Remarks

Not observed

6.1.d Observed?

No

Remarks

Not observed

6.2: Swimming Pool & Spa Sanitation; Safety

6.2.a Observed?

No

Remarks

Not observed

6.2.b Observed?

No

Remarks

Not observed

6.2.c Observed?

No

Remarks

Not observed

7.1: Oil Pollution; Fuel, Daily

7.1.a Observed?	No
Remarks	Not observed
7.1.b Observed?	Yes
Remarks	Up to date and signed
7.1.c Observed?	No
Remarks	Not observed
7.1.d Observed?	Yes
Remarks	No loss of oil in any of the machinery.

7.2: Oil Pollution; OWS

7.2.a Observed?	No
Remarks	Not observed
7.2.b Observed?	No
Remarks	Not observed
7.2.c Observed?	No
Remarks	Not observed
7.2.d Observed?	No
Remarks	Not observed
7.2.e Observed?	No
Remarks	Not observed
7.2.f Observed?	No
Remarks	Not observed
7.2.g Observed?	No
Remarks	Not observed
7.2.h Observed?	No
Remarks	Not observed
7.2.i Observed?	No
Remarks	Not observed
7.2.j Observed?	No
Remarks	Not observed

7.3: Bilges

7.3.a Observed?	No
Remarks	Not observed
7.3.b Observed?	No
Remarks	Not observed
7.3.c Observed?	Yes
Remarks	Machinery clean no excessive oil
7.3.d Observed?	No
Remarks	Not observed
7.3.e Observed?	No

Remarks

Not observed

7.3.f Observed?

Yes

Remarks

Secure and locked and tagged

7.4: Oil Sludge Handling

7.4.a Observed?

No

Remarks

Not observed

7.4.b Observed?

No

Remarks

Not observed

7.4.c Observed?

No

Remarks

Not observed

7.5: Lifeboats; security vessels, Tendering Boats; Deck

7.5.a Observed?

No

Remarks

Not observed

7.5.b Observed?

No

Remarks

Not observed

7.5.c Observed?

No

Remarks

Not observed

7.6: Oil to Sea Interface

7.6.a Observed?

No

Remarks

Not observed

7.6.b Observed?

Yes

Remarks

Observed in logs in ECR in oil records

7.6.c Observed?

Yes

Remarks

According to logs there are no excessive oil loss.

Z.1: Summary, Signature & Submit

Does this report contain an observation of interest? If you had an access issue, that is considered an observation of interest and you should select YES. Please enter a brief description in the comments, and also fill out a General Access Report.

—

Ranger Signature





A.0: Expectations

Complete the following in order of priority:

- Emergency items such as spills, near misses, or marine casualties
- Additional observations as requested by ADEC
- Items of opportunity/special circumstances
- Daily observation checks for each section
- Seasonal checklists
- WW and Oil sections
- Safety, opacity, waste, and sanitation sections

Regardless of the wording in the Job Aid for each monitored item, checking an item indicates only that you have monitored that item during the day, not that the item was satisfactory or unsatisfactory. If an item is unsatisfactory, your written comments must describe the conditions that have made that item unsatisfactory. Be as specific as possible in your comments. Checking an item but leaving no comments indicates the item was satisfactory.

A.1: General Information

A.1.a Date of Daily Report:	Jul 9, 2018
A.1.b Ship Name:	Royal Caribbean Explorer
A.1.b Ship Code:	REX
A.1.c Trip Type:	IP
A.1.d Ocean Ranger Name:	thomas.cook
A.1.e Location (port name if in-port, general location if not in port):	SKG
A.1.f Date Boarded:	Jul 9, 2018
A.1.g Number of Passengers and Crew-total number onboard [46 USC Sec 3501]:	5143

A.2: WW Information

A.2 Discharge in Alaska on report day?	No
----------------------------------------	----

A.3: WW Sample Information

A.3 Sample Taken (Y/N)- If yes, fill in the following	No
-------------------------------------------------------	----

A.4: Waste Offloads Information

A.4 Waste Offloads (Y/N)- If yes, fill in the following	No
---------------------------------------------------------	----

A.5: Reportable Illness Information

A.5 Reportable Illness - If above 2% threshold and required to report to CDC [42 CFR 71.21]	No
---------------------------------------------------------------------------------------------	----

A.6: Scrubber Information

A.6 Scrubber used today?	No
--------------------------	----

A.7: Fuel Information

A.7 Fuel used today?	Strictly MGO because the scrubber is not installed yet.
----------------------	---------------------------------------------------------

A.8: Other Reports

A.8 Other report(s) worked on today:	None
--------------------------------------	------

A.9: Comments & Photos

General Observation Comments	She is the sister ship to Radiance compartments are basically the same.
------------------------------	-------------------------------------------------------------------------



Photo 1 Caption - State specific location in detail, equipment description (if applicable), and date and time photo was taken.

Pulling injectors to be overhauled and put back in this a routine maintenance on engines done according to AMOS for maintenance. Photo taken 0850 starboard side. REX 070918

Photo 2



Photo 2 Caption - State specific location in detail, equipment description (if applicable), and date and time photo was taken.

This a food waste overboard used to be sewage, but has been converted for food waste. REX 070918

Photo 3



Photo 3 Caption - State specific location in detail, equipment description (if applicable), and date and time photo was taken.

This equipment will be installed on the new scrubber system once installed. Photo taken at 0835 main engine room. REX 070918

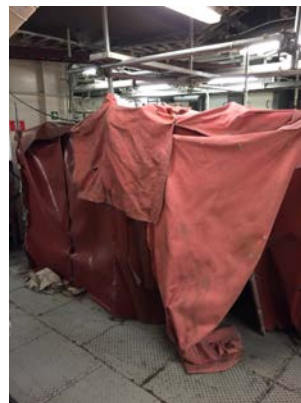


Photo 4 Caption - State specific location in detail, equipment description (if applicable), and date and time photo was taken.

This is where the scrubber installation will take place. photo taken 0830 main engine room. REX 070918

Photo 5



Photo 5 Caption - State specific location in detail, equipment description (if applicable), and date and time photo was taken.

Changing the infractions in the incinerator They have been working for 2 weeks and still have a ways to go. Photo taken 0900 incinerator room. REX

1.1 WW Daily Observations

1.1.a Observed?	No
Remarks	Not observed
1.1.b Observed?	Yes
Remarks	Observed logs they are up to date and recent activity was shown.
1.1.c Observed?	No
Remarks	Not observed
1.1.d Observed?	No
Remarks	Not observed
1.1.e Observed?	No
Remarks	Not observed

1.2 General WW and EPA VGP

1.2.a Observed?	Yes
Remarks	It is put into ballast tank for discharge later on.
1.2.b Observed?	No
Remarks	Not observed
1.2.c Observed?	Yes
Remarks	They do have cathodic hull protection and it is in place in different locations.
1.2.d Observed?	No

thomas.cook	2018-07-09	Reference # - DO-20180709-1882546773
Remarks		Not observed
1.2.e Observed?		No
Remarks		Not observed
1.2.f Observed?		No
Remarks		Not observed
1.2.g Observed?		No
Remarks		Not observed
1.2.h Observed?		No
Remarks		Scrubber is inoperable at this time.

1.3 Permitted Vessels

1.3.a Observed?	No
Remarks	Not observed
1.3.b Observed?	No
Remarks	Not observed
1.3.c Observed?	No
Remarks	Not observed
1.3.d Observed?	No
Remarks	Not observed
1.3.e Observed?	No
Remarks	Not observed
1.3.f Observed?	No
Remarks	Not observed
1.3.g Observed?	Yes
Remarks	Galley oils were stored for later offload food waste is discharged overboard when permitted.
1.3.h Observed?	No
Remarks	Not observed
1.3.i Observed?	No
Remarks	Not observed
1.3.j Observed?	No
Remarks	Not observed

1.4 Non-Disch VsIs and Permitted VsIs in no-disch areas

1.4.a Observed?	N/A
1.4.b Observed?	Yes
Remarks	Valves closed and locked
1.4.c Observed?	Yes
Remarks	More than enough holding capacity for the number of passengers.

2.1 Solid Waste (Garbage) Daily

2.1.a Observed?	No
Remarks	Not observed
2.1.b Observed?	No
Remarks	Not observed
2.1.c Observed?	No
Remarks	Not observed
2.1.d Observed?	No
Remarks	Not observed

2.2 General Solid Waste (Garbage)

2.2.a Observed?	Yes
Remarks	Incinerator was under repair replacement of infrastructure inside.

thomas.cook
2.2.b Observed?

2018-07-09

Reference # - DO-20180709-1882546773

Remarks

No

Not observed

2.2.c Observed?

No

Remarks

Not observed

3.1 Haz Waste Daily

3.1.a Observed?

No

Remarks

Not observed

3.1.b Observed?

No

Remarks

Not observed

3.1.c Observed?

Yes

Remarks

Waste accumulation was taken care of for a vessel of this age and size.

3.2 General Haz Waste and Haz Materials

3.2.a Observed?

No

Remarks

Not observed

3.2.b Observed?

Yes

Remarks

Garbage is stored properly for offload in Canada.

3.2.c Observed?

No

Remarks

Not observed

3.2.d Observed?

Yes

Remarks

Hazardous waste and chemicals are properly stored for offload.

3.2.e Observed?

No

Remarks

Not observed

3.2.f Observed?

Yes

Remarks

Work on the incinerator replacing the brick

4.1: Visible Emissions; Air Quality

4.1.a Observed?

Yes

Remarks

Emissions seem to be low while dockside.

4.1.b Observed?

No

Remarks

Not observed

4.1.c Observed?

No

Remarks

Not observed

4.1.d Observed?

No

Remarks

Not observed

4.1.e Observed?

Yes

Remarks

Strictly MGO fuel because of no operational scrubber.

5.1: Safety

5.1.a Observed?

No

Remarks

Not observed

5.1.b Observed?

No

Remarks

Not observed

5.1.c Observed?

No

Remarks

Not observed

6.1: Potable Water (if applicable)

6.1.a Observed?

No

Remarks

Not observed

6.1.b Observed?

No

Remarks

Not observed

6.1.c Observed?

No

Remarks

Not observed

6.1.d Observed?

No

Remarks

Not observed

6.2: Swimming Pool & Spa Sanitation; Safety

6.2.a Observed?

No

Remarks

Not observed

6.2.b Observed?

No

Remarks

Not observed

6.2.c Observed?

No

Remarks

Not observed

7.1: Oil Pollution; Fuel, Daily

7.1.a Observed?

No

Remarks

Not observed

7.1.b Observed?

Yes

Remarks

Record book up to date and signed

7.1.c Observed?

No

Remarks

Not observed

7.1.d Observed?

Yes

Remarks

No indication of oil loss on the interface logs.

7.2: Oil Pollution; OWS

7.2.a Observed?

No

Remarks

Not observed

7.2.b Observed?

No

Remarks

Not observed

7.2.c Observed?

No

Remarks

Not observed

7.2.d Observed?

No

Remarks

Not observed

7.2.e Observed?

No

Remarks

Not observed

7.2.f Observed?

No

Remarks

Not observed

7.2.g Observed?

No

Remarks

Not observed

7.2.h Observed?

No

Remarks

Not observed

7.2.i Observed?

No

Remarks

Not observed

7.2.j Observed?

No

Remarks

Not observed

7.3: Bilges

7.3.a Observed?

Yes

Remarks

Bilges are free of debris and contamination

7.3.b Observed?

No

Remarks

Not observed

7.3.c Observed?

No

Remarks

Not observed

7.3.d Observed?

No

Remarks

Not observed

7.3.e Observed?

No

Remarks

Not observed

thomas.cook
7.3.f Observed?
Remarks

2018-07-09

Reference # - DO-20180709-1882546773
Yes
Valves locked and secured

7.4: Oil Sludge Handling

7.4.a Observed?
Remarks
7.4.b Observed?
Remarks

No
Not observed
Yes
Incinerator logs are in order showing times of operation and the amount incinerated

7.4.c Observed?
Remarks

No
Not observed

7.5: Lifeboats; security vessels, Tendering Boats; Deck

7.5.a Observed?
Remarks
7.5.b Observed?
Remarks
7.5.c Observed?
Remarks

No
Not observed
No
Not observed
No
Not observed

7.6: Oil to Sea Interface

7.6.a Observed?
Remarks
7.6.b Observed?
Remarks
7.6.c Observed?
Remarks

No
Not observed
No
Not observed
No
Not observed

Z.1: Summary, Signature & Submit

Does this report contain an observation of interest? If you had an access issue, that is considered an observation of interest and you should select YES. Please enter a brief description in the comments, and also fill out a General Access Report.

—

Ranger Signature





A.0: Expectations

Complete the following in order of priority:

- Emergency items such as spills, near misses, or marine casualties
- Additional observations as requested by ADEC
- Items of opportunity/special circumstances
- Daily observation checks for each section
- Seasonal checklists
- WW and Oil sections
- Safety, opacity, waste, and sanitation sections

Regardless of the wording in the Job Aid for each monitored item, checking an item indicates only that you have monitored that item during the day, not that the item was satisfactory or unsatisfactory. If an item is unsatisfactory, your written comments must describe the conditions that have made that item unsatisfactory. Be as specific as possible in your comments. Checking an item but leaving no comments indicates the item was satisfactory.

A.1: General Information

A.1.a Date of Daily Report:	Jul 15, 2018
A.1.b Ship Name:	Royal Caribbean Explorer
A.1.b Ship Code:	REX
A.1.c Trip Type:	IP
A.1.d Ocean Ranger Name:	dennis.friend
A.1.e Location (port name if in-port, general location if not in port):	JNU
A.1.f Date Boarded:	Jul 15, 2018
A.1.g Number of Passengers and Crew-total number onboard [46 USC Sec 3501]:	5137

A.2: WW Information

A.2 Discharge in Alaska on report day?	No
----------------------------------------	----

A.3: WW Sample Information

A.3 Sample Taken (Y/N)- If yes, fill in the following	No
-------------------------------------------------------	----

A.4: Waste Offloads Information

A.4 Waste Offloads (Y/N)- If yes, fill in the following	No
---------------------------------------------------------	----

A.5: Reportable Illness Information

A.5 Reportable Illness - If above 2% threshold and required to report to CDC [42 CFR 71.21]	No
---------------------------------------------------------------------------------------------	----

A.6: Scrubber Information

A.6 Scrubber used today?	No
--------------------------	----

A.7: Fuel Information

A.7 Fuel used today?	MGO
----------------------	-----

A.8: Other Reports

A.8 Other report(s) worked on today:	None
--------------------------------------	------

A.9: Comments & Photos

General Observation Comments	Work on the scrubber installation is on hold because the workers did not have valid Visas. Work on #2 incinerator continues. The #1 incinerator is used outside 13 nm. EO was very professional and helpful.
------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

DISCHARGE	DATE	TIME (24 HRS)	LAT	LO	DISCHARGE PORTS	EFFLUENT TYPE	VOLUME (M3)	FLOW RATE (L/MIN)	MINIMUM SPEED (KTS)
START	13 July 18	23:22	48° 31.5' N	125° 12.5' W	B	GW	405	599	20.6
STOP	14 July 18	00:38	50° 30.3' N	130° 12.1' W					
DISCHARGE	DATE	TIME (24 HRS)	LAT	LO	DISCHARGE PORTS	EFFLUENT TYPE	VOLUME (M3)	FLOW RATE (L/MIN)	MINIMUM SPEED (KTS)
START	13 July 18	23:22	48° 31.5' N	125° 12.5' W					
STOP	14 July 18	00:56	51° 03.5' N	130° 43.6' W	E/F	TS	1729	2147.5	20.6
DISCHARGE	DATE	TIME (24 HRS)	LAT	LO	DISCHARGE PORTS	EFFLUENT TYPE	VOLUME (M3)	FLOW RATE (L/MIN)	MINIMUM SPEED (KTS)
START	13 July 18	23:22	48° 31.5' N	125° 12.5' W	D	AWP	194522	5012	20.6
STOP	13 July 18	01:01	51° 31.6' N	134° 19.8' W					

NOTES: Please sign and date any remarks made * G.W. DISCHARGE FROM PUMP ROOM R 3P AND PUMP ROOM R 4P
JULY 12, 2018: loaded 25 drums approx 75 4 m³ of grey water residue to box truck
Victory Cruisers after cleaning Gray water tank 3E last night JULY 2018
* G.W. DISCHARGE FROM PUMP ROOM R 3P AND 4P OVER RE MAIN TOWNSHIP

Master's Signature: _____ Date: _____

Photo 1 Caption - State specific location in detail, equipment description (if applicable), and date and time photo was taken.

Photo 2

Sewage and gray water discharge log.
7/15/18

Name of ship - EMPLOYEE OF THE STATE			
IMO Number - 9161725			
MACHINERY SPACE OPERATIONS			
Date	Code (letter)	Item (number)	Record of operations/signature of officer in charge
			3 Way 24" SCM AND REDUCER OPERATED
			ACCORDING TO SPECIFICATION AND ALL
			WATER WAS RECIRCULATED
			END (3/11)
JULY 18	D	15	TRANSFERRED AND (0.0 m ³ OF DRAIN FLUID
		16	STAINLESS STEEL 0.140" DIA
		17.5	FROM PUMP ROOM INTO TO 5" TO DRAIN LATER
		18.1.5	FROM 3.2" DIA
		19.0.20.0 m ³	ONLY DRAIN INTO TO 5" DIA
			END (3/11)

Photo 2 Caption - State specific location in detail, equipment description (if applicable), and date and time photo was taken.

Photo 3

Oil Record book. 7/15/18



Photo 3 Caption - State specific location in detail, equipment description (if applicable), and date and time photo was taken.

Photo 4

Cathodic Protection panel. 7/15/18



Photo 4 Caption - State specific location in detail, equipment description (if applicable), and date and time photo was taken.

Photo lab waste stored for offload outside of AK. 7/15/18

Photo 5



Photo 5 Caption - State specific location in detail, equipment description (if applicable), and date and time photo was taken.

Potable water bunkering hose. 7/15/18

1.1 WW Daily Observations

1.1.a Observed?

Yes

Remarks

Logs are current.

1.1.b Observed?

Yes

1.1.c Observed?

Yes

Remarks

No discharges to shore.

1.1.d Observed?

Yes

Remarks

No indications of discharge in AK waters.

1.1.e Observed?

Yes

Remarks

Non discharge ship

1.2 General WW and EPA VGP

1.2.a Observed?

Yes

Remarks

No blowdown in AK waters.

1.2.b Observed?

Yes

Remarks

Bio fouling chemicals are not used.

1.2.c Observed?

Yes

1.2.d Observed?

Yes

Remarks

Wastes are stored for offload outside AK.

1.2.e Observed?

No

1.2.f Observed?

No

1.2.g Observed?

Yes

Remarks

Ship is at dock.

1.2.h Observed?

No

Remarks

Scrubber is not yet installed.

1.3 Permitted Vessels

1.3.a Observed?

No

Remarks

Non discharge ship.

1.3.b Observed?

No

Remarks

Yes

Discharge log is current.

1.3.d Observed?

Yes

1.3.e Observed?

Yes

1.3.f Observed?

No

1.3.g Observed?

Yes

Remarks

Galley oils are stored for offload outside AK.

1.3.h Observed?

No

1.3.i Observed?

No

1.3.j Observed?

Yes

Remarks

No maintenance in progress observed.

1.4 Non-Disch Vsls and Permitted Vsls in no-disch areas

1.4.a Observed?

Yes

1.4.b Observed?

Yes

Remarks

Valves are locked shut.

1.4.c Observed?

Yes

2.1 Solid Waste (Garbage) Daily

2.1.a Observed?

Yes

Remarks

Logs are up to date.

2.1.b Observed?

Yes

Remarks

No offloading.

2.1.c Observed?

Yes

2.1.d Observed?

Yes

Remarks

Offloaded outside of AK only.

2.2 General Solid Waste (Garbage)

2.2.a Observed?

Yes

Remarks

No maintenance observed in progress.

2.2.b Observed?

Yes

Remarks

No evidence of plastics being discharged OB.

2.2.c Observed?

Yes

Remarks

No trash chute.

3.1 Haz Waste Daily

3.1.a Observed?

Yes

3.1.b Observed?

Yes

Remarks

No offload in AK.

3.1.c Observed?

Yes

3.2 General Haz Waste and Haz Materials

3.2.a Observed?

Yes

3.2.b Observed?

Yes

Remarks

Garbage is sorted and stored properly.

3.2.c Observed?

Yes

Remarks

No evidence was observed.

3.2.d Observed?

Yes

3.2.e Observed?

Yes

Remarks

These waste materials are stored for offload outside AK.

3.2.f Observed?

Yes

Remarks

No maintenance or repair in progress except for incinerator #2.

4.1: Visible Emissions; Air Quality

4.1.a Observed?

Yes

4.1.b Observed?

Yes

4.1.c Observed?

Yes

Remarks

Incinerator #1 was secured. Incinerator #2 is being repaired.

4.1.d Observed?

Yes

Remarks

No such emissions observed.

4.1.e Observed?

Yes

Remarks

LSMGO is used.

5.1: Safety

5.1.a Observed?

Yes

Remarks

No unsafe conditions or procedures observed.

5.1.b Observed?

Yes

Remarks

No such conditions observed or reported.

5.1.c Observed?

Yes

Remarks

Eye wash stations are well kept and within expiration date. MSDS available.

6.1: Potable Water (if applicable)

6.1.a Observed?

Yes

6.1.b Observed?

Yes

6.1.c Observed?

Yes

Remarks

Cradles are used to support water hose.

6.1.d Observed?

Yes

6.2: Swimming Pool & Spa Sanitation; Safety

6.2.a Observed?

No

6.2.b Observed?

No

6.2.c Observed?

No

7.1: Oil Pollution; Fuel, Daily

7.1.a Observed?

Yes

Remarks

No sheens observed.

7.1.b Observed?

Yes

7.1.c Observed?

Yes

Remarks

Oil Record Book is current.

7.1.d Observed?

Yes

7.2: Oil Pollution; OWS

7.2.a Observed?

Yes

Remarks

No changes observed.

7.2.b Observed?

Yes

Remarks

OWS secured and OB valve locked closed.

7.2.c Observed?

No

7.2.d Observed?

Yes

7.2.e Observed?

Yes

Remarks

No indications of detergents being used.

7.2.f Observed?

Yes

7.2.g Observed?

Yes

Remarks

OWS secured.

7.2.h Observed?

No

7.2.i Observed?

No

7.2.j Observed?

Yes

Remarks

No indications observed.

7.3: Bilges

7.3.a Observed?

Yes

7.3.b Observed?

Yes

7.3.c Observed?

Yes

7.3.d Observed?

Yes

Remarks

No evidence observed.

7.3.e Observed?

Yes

7.3.f Observed?

Yes

Remarks

Valves are locked in closed positions.

7.4: Oil Sludge Handling

7.4.a Observed?

Yes

7.4.b Observed?

Yes

7.4.c Observed?

Yes

Remarks

Sludge is not blended into fuel.

7.5: Lifeboats; security vessels, Tendering Boats; Deck

7.5.a Observed?

No

7.5.b Observed?

No

7.5.c Observed?

No

7.6: Oil to Sea Interface

7.6.a Observed?

Yes

Remarks

Thrusters free of oil leaks.

Remarks

Yes

Consumption records are complete and current.

7.6.c Observed?

Yes

Z.1: Summary, Signature & Submit

Does this report contain an observation of interest? If you had an access issue, that is considered an observation of interest and you should select YES. Please enter a brief description in the comments, and also fill out a General Access Report.

—

Ranger Signature

DK friend



A.0: Expectations

Complete the following in order of priority:

- Emergency items such as spills, near misses, or marine casualties
- Additional observations as requested by ADEC
- Items of opportunity/special circumstances
- Daily observation checks for each section
- Seasonal checklists
- WW and Oil sections
- Safety, opacity, waste, and sanitation sections

Regardless of the wording in the Job Aid for each monitored item, checking an item indicates only that you have monitored that item during the day, not that the item was satisfactory or unsatisfactory. If an item is unsatisfactory, your written comments must describe the conditions that have made that item unsatisfactory. Be as specific as possible in your comments. Checking an item but leaving no comments indicates the item was satisfactory.

A.1: General Information

A.1.a Date of Daily Report:	Jul 16, 2018
A.1.b Ship Name:	Royal Caribbean Explorer
A.1.b Ship Code:	REX
A.1.c Trip Type:	IP
A.1.d Ocean Ranger Name:	mark.farley
A.1.e Location (port name if in-port, general location if not in port):	SKG
A.1.f Date Boarded:	Jul 16, 2018
A.1.g Number of Passengers and Crew-total number onboard [46 USC Sec 3501]:	5145

A.2: WW Information

A.2 Discharge in Alaska on report day?	No
----------------------------------------	----

A.3: WW Sample Information

A.3 Sample Taken (Y/N)- If yes, fill in the following	No
-------------------------------------------------------	----

A.4: Waste Offloads Information

A.4 Waste Offloads (Y/N)- If yes, fill in the following	No
---------------------------------------------------------	----

A.5: Reportable Illness Information

A.5 Reportable Illness - If above 2% threshold and required to report to CDC [42 CFR 71.21]	No
---------------------------------------------------------------------------------------------	----

A.6: Scrubber Information

A.6 Scrubber used today?	No
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A.7: Fuel Information

A.7 Fuel used today?	All combustion sources lined up to be operated on LSMGO with sulphur content 0.00058% DG number six operated on LSMGO with sulphur content 0.00058% for hotel load while docked at the RRA Dock during IP.
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A.8: Other Reports

A.8 Other report(s) worked on today:	None
--------------------------------------	------

A.9: Comments & Photos

Weather conditions for the Port of SKG for IP on REX docked at the RRA Dock: cool, moderate to high winds, and overcast skies. While walking on the RRA Dock to conduct IP on REX, observed puddle of oil underneath parked forklift on the RRA Dock and section with hand rails/hand holds for emergency ladder at mooring bit marked 27 on RRA Dock damaged and loose. Submitted General Observation Reports about both items observed on RRA Dock before boarding REX for IP.

Checked in with shore side REX security staff **member, after verifying OR's name on** visitors list, OR exchanged driver's license for REX visitors pass. Shore side REX security staff member called EO about OR boarding REX at forward gangway. EO met OR at shipboard security check point to escort OR to observe lifeboats and tenders being lowered during safety training drill. Made rounds with EO on exterior decks to observe emergency diesel generator compartment. Informed EO that OR was submitting General Observation Reports about RRA Dock forklift and RRA Dock emergency ladder handrail/hand hold.

EO escorted OR to EO's office to obtain information needed to complete sections of Daily Observation Report. Observed entries in Garbage Record Book and last waste offload receipt. REX is currently at OPP level one for sanitation. EO and OR made round to ECR to observe WW holding tank volumes, Oil Record Book entries, Oil to Sea Interface Log entries, last fuel bunker note/receipt. EO escorted OR throughout engine room spaces to observe overboard discharge valve status for AWP overboard discharge, untreated gray water overboard discharge, pulped food waste overboard discharge, boiler water blow down overboard discharge, and AWP desludging overboard discharge. Valves observed closed and locked during rounds with EO. Observed EGCS project still under construction phase and incinerator number two out of service for refractory repair. Contractor that was working on incinerator number two is currently not onboard REX, contractor disembarked REX after the wrong type of cement was determined to be onboard. REX loaded correct cement in Seattle and is waiting for contractor to rejoin REX to complete project on incinerator number two.

Made rounds with EO through garbage sorting area and waste storage areas. Photo shop observed for silver recovery unit and processing of photo waste. EO escorted OR to observe bow thruster gravity head tanks and stabilizer gravity head tanks. OR exchanged REX visitors pass for driver's license and returned to SSH at the Ore Dock.



Photo 1 Caption - State specific location in detail, equipment description (if applicable), and date and time photo was taken.

071618 @ 1046 REX crew and Officers lowers starboard side tenders and lifeboats during safety training drill.

Photo 2

Bunker Delivery Receipt		Date	12-JUL-18
Name of the Ship		REX	
Port of Delivery		071618	
Product	Quantity	Unit	Remarks
Heavy Fuel Oil	1000.00	MT	Delivered to the ship
Light Fuel Oil	1000.00	MT	Delivered to the ship
Distillate Fuel Oil	1000.00	MT	Delivered to the ship
Gas Oil	1000.00	MT	Delivered to the ship
Gasoline	1000.00	MT	Delivered to the ship
Other	1000.00	MT	Delivered to the ship

Photo 2 Caption - State specific location in detail, equipment description (if applicable), and date and time photo was taken.

071618 @ 1219 Last fuel oil bunker note/receipt.

Photo 3



Photo 3 Caption - State specific location in detail, equipment description (if applicable), and date and time photo was taken.

071618 @ 1253 Aft boiler overboard discharge valves closed and locked for boiler water blow down.



Photo 4 Caption - State specific location in detail, equipment description (if applicable), and date and time photo was taken.

071618 @ 1259 1 m3 plastic tote for storage of used cooking oil.

Photo 5



Photo 5 Caption - State specific location in detail, equipment description (if applicable), and date and time photo was taken.

071618 @ 1309 Starboard stabilizer gravity head tank.

1.1 WW Daily Observations

1.1.a Observed?

Yes

Remarks

Observed Sewage and Gray Water Discharge Log entries, last overboard discharge was conducted before REX entered AK waters.

1.1.b Observed?

Yes

Remarks

Entries verified and WW holding tank volumes observed.

1.1.c Observed?

Yes

Remarks

No WW to shore from REX while docked at the RRA Dock observed during IP.

1.1.d Observed?

Yes

Remarks

None observed or reported during IP.

1.1.e Observed?

No

Remarks

REX is a non permitted discharge vessel in AK waters.

1.2 General WW and EPA VGP

1.2.a Observed?

Yes

Remarks

Both boilers overboard discharge valves closed and locked for boiler water blow down.

1.2.b Observed?

Yes

Remarks

No chlorine or chemicals observed in use in MGPS. Anode type system observed in use

1.2.c Observed?

Remarks

connected to control panels for output.

No

Did not observe during IP.

1.2.d Observed?

Remarks

Yes

Observed photo shop only, sink disconnected from gray water drainage.

1.2.e Observed?

Remarks

Yes

Pool water discharged outside VGP waters.

1.2.f Observed?

Remarks

Yes

Neither hull cleaning or deck washing observed during IP.

1.2.g Observed?

Remarks

Yes

Neither port or starboard anchors were deployed during IP.

1.2.h Observed?

Remarks

Yes

REX does not have an operational EGCS, still in the construction phase.

1.3 Permitted Vessels

1.3.a Observed?

Remarks

No

N/A, REX is not permitted to discharge in AK waters.

1.3.b Observed?

Remarks

No

No sampling event during IP.

1.3.c Observed?

Remarks

No

N/A, REX is not permitted to discharge in AK waters.

1.3.d Observed?

Remarks

No

N/A, REX is not permitted to discharge in AK waters.

1.3.e Observed?

Remarks

No

N/A, REX is not permitted to discharge in AK waters.

1.3.f Observed?

Remarks

Yes

Scanship AWTS onboard REX appears capable, but REX is not permitted to discharge in AK waters.

1.3.g Observed?

Remarks

Yes

Food waste is pulped, dewatered, and stored in two pulped dewatered food waste tanks.

1.3.h Observed?

Remarks

No

No sampling event on 071618.

1.3.i Observed?

Remarks

No

N/A, REX is not permitted to discharge in AK waters.

1.3.j Observed?

Remarks

No

N/A, REX is not permitted to discharge in AK waters.

1.4 Non-Disch VsIs and Permitted VsIs in no-disch areas

Remarks

Yes

None observed or reported during IP.

1.4.b Observed?

Yes

Remarks

Overboard discharge valves closed and locked.

1.4.c Observed?

Yes

Remarks

WW holding capacity sufficient during IP.

2.1 Solid Waste (Garbage) Daily

2.1.a Observed?

Yes

Remarks

Observed entries in Garbage Record Book, REX does not operate incinerator while in AK waters.

2.1.b Observed?

Yes

Remarks

No non hazardous waste was offloaded from REX during IP.

2.1.c Observed?

Yes

Remarks

Garbage Record Book certified by the Captain.

2.1.d Observed?

Yes

Remarks

Non hazardous waste is separated by type to be either incinerated outside AK waters or offloaded in Victoria, B.C.

2.2 General Solid Waste (Garbage)

2.2.a Observed?

Yes

Remarks

Observed equipment in garbage sorting area, but equipment not in operation. Equipment in garbage sorting area appears to be operational, except for incinerator number two.

2.2.b Observed?

Yes

Remarks

No plastics or synthetics observed being discharged overboard from REX during IP.

2.2.c Observed?

Yes

Remarks

No trash chute on REX.

3.1 Haz Waste Daily

3.1.a Observed?

Yes

Remarks

No hazardous waste log, waste offload receipts and entries in Garbage Record Book.

3.1.b Observed?

Yes

Remarks

No hazardous waste was offloaded from REX during IP.

3.1.c Observed?

Yes

Remarks

Reasonable accumulation observed.

3.2 General Haz Waste and Haz Materials

3.2.a Observed?

Yes

Remarks

Only paperwork for internal transfers of hazardous waste are from the medical center.

3.2.b Observed?

Yes

3.2.c Observed?

Hazardous waste is segregated by type and stored in cold storage locker.

Yes

Remarks

No obvious evidence of hazardous materials being discharged overboard from REX during IP.

3.2.d Observed?

Yes

Remarks

Hazardous waste is stored where waste is generated, then transferred the night before being offloaded in Victoria, B.C.

3.2.e Observed?

Yes

Remarks

Observed used batteries, used fluorescent bulbs/tubes waiting to be crushed by bulb crusher, medical waste (sharps), incinerator ash, and used oil filters.

3.2.f Observed?

Yes

Remarks

Observed silver recovery unit and fluorescent bulb/tube crusher, neither were in operation during IP.

4.1: Visible Emissions; Air Quality

4.1.a Observed?

Yes

Remarks

No opacity monitoring equipment installed onboard REX.

4.1.b Observed?

Yes

Remarks

EO stands by in the ECR during maneuvering to observe CCTV feed from funnel.

4.1.c Observed?

Yes

Remarks

Incinerator number two not in operation due to out of service and incinerator number one not operated during IP.
REX does not operate incinerator while in AK waters.

4.1.d Observed?

Yes

Remarks

None observed which would immediately threaten health, property, or animal life during IP.

4.1.e Observed?

Yes

Remarks

All combustion sources lined up to be operated on LSMGO with sulphur content 0.00058%
DG number six operated on LSMGO with sulphur content 0.00058% for hotel load while docked at the RRA Dock during IP.

5.1: Safety

5.1.a Observed?

Yes

Remarks

None observed that may affect safety of passengers, crew, and vessel during IP.

5.1.b Observed?

Yes

Remarks

None observed or reported during IP.

5.1.c Observed?

Yes

Remarks

Observed PPE and MSDS available.

6.1: Potable Water (if applicable)

6.1.a Observed?

No

Remarks

No potable water bunkered by REX during IP.

6.1.b Observed?

No

Remarks

No potable water bunkered by REX during IP.

6.1.c Observed?

No

Remarks

No potable water bunkered by REX during IP.

6.1.d Observed?

No

Remarks

No potable water bunkered by REX during IP.

6.2: Swimming Pool & Spa Sanitation; Safety

6.2.a Observed?

No

Remarks

Did not observe during IP.

6.2.b Observed?

No

Remarks

Did not observe during IP.

6.2.c Observed?

No

Remarks

Did not observe during IP.

7.1: Oil Pollution; Fuel, Daily

7.1.a Observed?

Yes

Remarks

No sheens or spills observed during IP.

7.1.b Observed?

Yes

Remarks

Entries in Oil Record Book appear to be up to date.

7.1.c Observed?

Yes

Remarks

No entries observed for cleaning of fuel tanks and no operations observed for fuel tanks being cleaned during IP.

7.1.d Observed?

Yes

Remarks

No obvious loss of lubricant to the sea observed during IP.

7.2: Oil Pollution; OWS

7.2.a Observed?

Yes

Remarks

No changes to OWS piping observed during IP.

7.2.b Observed?

Yes

Remarks

Neither of the two Marinfloc units were in operation during rounds throughout engine room.

7.2.c Observed?

Yes

Remarks

Neither of the two Marinfloc units were in operation during rounds throughout engine room.

7.2.d Observed?

Yes

Remarks

Neither of the two Marinfloc units were in operation during rounds throughout engine room.

7.2.e Observed?

Yes

Remarks

None observed being used in oil tanks or lubrication systems during IP.

7.2.f Observed?

Yes

Remarks

"White box" and both Marinfloc units appear
to be free from obvious electrical bypasses,
jumpers, or extra switches.

7.2.g Observed?

No

Remarks

Neither of the two Marinfloc units were in
operation during rounds throughout engine
room.

7.2.h Observed?

No

Remarks

Neither of the two Marinfloc units were in
operation during rounds throughout engine
room.

7.2.i Observed?

No

Remarks

Neither of the two Marinfloc units were in
operation during rounds throughout engine
room.

7.2.j Observed?

Yes

Remarks

No obvious indications of OWS bypass or
direct discharge of oil observed during IP.

7.3: Bilges

7.3.a Observed?

Yes

Remarks

In engine room spaces observed during IP,
bilges free from excess contamination of oil.

7.3.b Observed?

Yes

Remarks

Bulkheads and structures free from oil
residues during IP.

7.3.c Observed?

Yes

Remarks

In engine room spaces observed during IP,
no machinery observed with excess oil
leakages.

7.3.d Observed?

Yes

Remarks

In engine room spaces observed during IP,
none observed being directly discharged to
bilges.

7.3.e Observed?

Yes

Remarks

No detergents observed by both Marinfloc
units or "white box" during IP.

7.3.f Observed?

No

Remarks

Did not observe during IP.

7.4: Oil Sludge Handling

7.4.a Observed?

Yes

Remarks

Sludge and spent oils are retained onboard
REX and discharge to shore in Victoria, B.C.

7.4.b Observed?

Yes

Remarks

No sludge is incinerated onboard REX.

7.4.c Observed?

Yes

Remarks

No sludge is blended with fuel oils onboard
REX.

7.5: Lifeboats; security vessels, Tendering Boats; Deck

7.5.a Observed?

No

Remarks

Tenders and lifeboats were being lowered for
safety training drill during IP.

7.5.b Observed?

Yes

Remarks

Rounds on exterior deck with EO were free from oil and grease from topside deck equipment during IP.

7.5.c Observed?

Yes

Remarks

No bunkering operations observed during IP.

7.6: Oil to Sea Interface

7.6.a Observed?

Yes

Remarks

Observed bow thruster units one, two, three, and four gravity head tanks and both port and starboard stabilizer gravity head tanks.

7.6.b Observed?

Yes

Remarks

Entries made in Oil to Sea Interface Log for any lubricant added or removed.

7.6.c Observed?

Yes

Remarks

No obvious loss of lubricant from oil to sea interface equipment to the sea observed during IP.

Z.1: Summary, Signature & Submit

Does this report contain an observation of interest? If you had an access issue, that is considered an observation of interest and you should select YES. Please enter a brief description in the comments, and also fill out a General Access Report.

Ranger Signature

—





A.0: Expectations

Complete the following in order of priority:

- Emergency items such as spills, near misses, or marine casualties
- Additional observations as requested by ADEC
- Items of opportunity/special circumstances
- Daily observation checks for each section
- Seasonal checklists
- WW and Oil sections
- Safety, opacity, waste, and sanitation sections

Regardless of the wording in the Job Aid for each monitored item, checking an item indicates only that you have monitored that item during the day, not that the item was satisfactory or unsatisfactory. If an item is unsatisfactory, your written comments must describe the conditions that have made that item unsatisfactory. Be as specific as possible in your comments. Checking an item but leaving no comments indicates the item was satisfactory.

A.1: General Information

A.1.a Date of Daily Report:	Jul 22, 2018
A.1.b Ship Name:	Royal Caribbean Explorer
A.1.b Ship Code:	REX
A.1.c Trip Type:	VO
A.1.d Ocean Ranger Name:	james.ham
A.1.e Location (port name if in-port, general location if not in port):	JNU
A.1.f Date Boarded:	Jul 20, 2018
A.1.g Number of Passengers and Crew-total number onboard [46 USC Sec 3501]:	5123

A.2: WW Information

A.2 Discharge in Alaska on report day?	No
----------------------------------------	----

A.3: WW Sample Information

A.3 Sample Taken (Y/N)- If yes, fill in the following	No
-------------------------------------------------------	----

A.4: Waste Offloads Information

A.4 Waste Offloads (Y/N)- If yes, fill in the following	No
---------------------------------------------------------	----

A.5: Reportable Illness Information

A.5 Reportable Illness - If above 2% threshold and required to report to CDC [42 CFR 71.21]	No
---------------------------------------------------------------------------------------------	----

A.6: Scrubber Information

A.6 Scrubber used today?	No
--------------------------	----

A.7: Fuel Information

A.7 Fuel used today?	MGO 0.0003
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A.8: Other Reports

A.8 Other report(s) worked on today:	None
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A.9: Comments & Photos

General Observation Comments	Beautiful sunny day in JNU. Met with EO for first time in his office since joining vessel. Environmental Officer disused ongoing ship repairs work that will be relevant to daily reporting. Went over offload receipts last
------------------------------	------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Waste water discharges time and position.
Made visit to ECR to meet with Engine Room Officer. While in ECR made check to confirm tank levels and log books

This vessel does not have an opacity monitoring system installed. Vessel relies on Environmental Officer to visibly check stack smoke from ECR by watching cameras showing smoke from stack on arrival and on departure from dock.

Made observations in lower engine room checking condition of bilges and rose boxes. Made other checks relevant to daily reporting. Vessel still continuing work installing Scrubber system.

While making observations in ship galley on deck 11 I observed plastic in food waste. Told Environmental Officer about the plastic and he took care of problem.

Vessel entered Alaska waters @ 0228. Vessel last Waste water discharge was @ 0228, position was 55-32.6N 134-20.6W

Photo 1



Photo 1 Caption - State specific location in detail, equipment description (if applicable), and date and time photo was taken.

Ship galley deck 11 checking food waste.
0830 7/22/18

Photo 2



Photo 2 Caption - State specific location in detail, equipment description (if applicable), and date and time photo was taken.

Found plastic in food waste.0845 7/22/18



Photo 3 Caption - State specific location in detail, equipment description (if applicable), and date and time photo was taken.

Photo 4

Observing work being done on incinerator. 7/22/18 0915



Photo 4 Caption - State specific location in detail, equipment description (if applicable), and date and time photo was taken.

Photo 5

Observing crew members using proper procedures while cleaning and working 7/22/18 0930



Photo 5 Caption - State specific location in detail, equipment description (if applicable), and date and time photo was taken.

Making observations in lower engine room 7/22/18 0945

1.1 WW Daily Observations

1.1.a Observed?	Yes
Remarks	Made check to confirm
1.1.b Observed?	Yes
1.1.c Observed?	No
Remarks	No waste water was sent ashore
1.1.d Observed?	No
Remarks	Did not observe any unauthorized discharges
1.1.e Observed?	No

Remarks

Vessel is not authorized to discharge in
Alaska waters

1.2 General WW and EPA VGP

1.2.a Observed?

No

Remarks

Have not observed today

1.2.b Observed?

No

Remarks

Have not confirmed

1.2.c Observed?

Yes

Remarks

Unit is working properly

1.2.d Observed?

No

1.2.e Observed?

Yes

Remarks

No pool and spa water was discharged today

1.2.f Observed?

No

1.2.g Observed?

No

1.2.h Observed?

No

Remarks

No Scrubber system installed.

1.3 Permitted Vessels

1.3.a Observed?

No

Remarks

Vessel is not authorized to discharge in
Alaska waters

1.3.b Observed?

No

1.3.c Observed?

No

Remarks

Vessel is not authorized to discharge in
Alaska waters

1.3.d Observed?

No

1.3.e Observed?

No

1.3.f Observed?

No

1.3.g Observed?

Yes

Remarks

Made checks to confirm

1.3.h Observed?

No

1.3.i Observed?

No

1.3.j Observed?

No

1.4 Non-Disch VsIs and Permitted VsIs in no-disch areas

1.4.a Observed?

No

Remarks

No discharges while in Alaska waters

1.4.b Observed?

Yes

Remarks

Made checks to confirm

1.4.c Observed?

Yes

Remarks

Vessel has enough storage capacity for port
stay

2.1 Solid Waste (Garbage) Daily

2.1.a Observed?

Yes

2.1.b Observed?

Went over logs with EO to confirm

No

Remarks

No garbage was offloaded

2.1.c Observed?

Yes

Remarks

Receipts are signed

2.1.d Observed?

Yes

Remarks

Review last discharge receipts plan

2.2 General Solid Waste (Garbage)

2.2.a Observed?

No

2.2.b Observed?

Yes

Remarks

Made checks onboard vessel to confirm

2.2.c Observed?

No

3.1 Haz Waste Daily

3.1.a Observed?

No

3.1.b Observed?

No

3.1.c Observed?

Yes

Remarks

Vessel has not reached its storage capacity

3.2 General Haz Waste and Haz Materials

3.2.a Observed?

No

3.2.b Observed?

Yes

Remarks

Review last discharge receipts to confirm

3.2.c Observed?

Yes

Remarks

Made checks to confirm that no hazardous waste was discharged

3.2.d Observed?

No

3.2.e Observed?

No

Remarks

Have not confirm

3.2.f Observed?

No

4.1: Visible Emissions; Air Quality

4.1.a Observed?

No

Remarks

Vessel does not have a monitoring system installed

4.1.b Observed?

Yes

Remarks

Vessel do self report

4.1.c Observed?

No

Remarks

Not in operation at time of observation

4.1.d Observed?

Yes

Remarks

At time of observation stack emissions clear

4.1.e Observed?

Yes

Remarks

MGO 0.0003%

5.1: Safety

Remarks

Yes

While making observations in lower engine room observed crew members using proper equipment while cleaning and working

5.1.b Observed?

No

Remarks

No casualties

5.1.c Observed?

No

6.1: Potable Water (if applicable)

6.1.a Observed?

Yes

Remarks

Observe crew members using proper procedures while connecting potable water hose

6.1.b Observed?

Yes

Remarks

Made check to confirm

6.1.c Observed?

Yes

6.1.d Observed?

Yes

Remarks

Made check on pier to confirm

6.2: Swimming Pool & Spa Sanitation; Safety

6.2.a Observed?

No

6.2.b Observed?

No

6.2.c Observed?

No

7.1: Oil Pollution; Fuel, Daily

7.1.a Observed?

Yes

Remarks

While making observations on deck did not observe any sheen in surrounding waters

7.1.b Observed?

Yes

Remarks

Entries are current

7.1.c Observed?

Yes

Remarks

Logs shows tank to tank transfers

7.1.d Observed?

No

7.2: Oil Pollution; OWS

7.2.a Observed?

Yes

Remarks

While making observations did not observe any changes to piping system

7.2.b Observed?

No

7.2.c Observed?

No

7.2.d Observed?

No

7.2.e Observed?

No

7.2.f Observed?

Yes

Remarks

Made checks to confirm

7.2.g Observed?

No

7.2.h Observed?

No

7.2.i Observed?

No

No

7.3: Bilges

7.3.a Observed?

Yes

Remarks

Made observations in bilges and rose boxes to confirm

7.3.b Observed?

Yes

Remarks

Made observations to confirm

7.3.c Observed?

Yes

Remarks

Made observations to confirm

7.3.d Observed?

Yes

Remarks

While making observations did not observe

7.3.e Observed?

Yes

Remarks

Made checks to confirm

7.3.f Observed?

Yes

Remarks

Made observations to confirm that overboard valves are closed and locked

7.4: Oil Sludge Handling

7.4.a Observed?

No

7.4.b Observed?

Yes

Remarks

Sludge is not incinerated

7.4.c Observed?

Yes

Remarks

Sludge is not blended with fuel

7.5: Lifeboats; security vessels, Tendering Boats; Deck

7.5.a Observed?

No

7.5.b Observed?

No

7.5.c Observed?

No

7.6: Oil to Sea Interface

7.6.a Observed?

No

7.6.b Observed?

Yes

Remarks

Entries are current

7.6.c Observed?

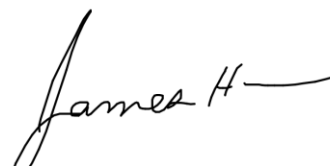
No

Z.1: Summary, Signature & Submit

Does this report contain an observation of interest? If you had an access issue, that is considered an observation of interest and you should select YES. Please enter a brief description in the comments, and also fill out a General Access Report.

—

Ranger Signature





A.0: Expectations

Complete the following in order of priority:

- Emergency items such as spills, near misses, or marine casualties
- Additional observations as requested by ADEC
- Items of opportunity/special circumstances
- Daily observation checks for each section
- Seasonal checklists
- WW and Oil sections
- Safety, opacity, waste, and sanitation sections

Regardless of the wording in the Job Aid for each monitored item, checking an item indicates only that you have monitored that item during the day, not that the item was satisfactory or unsatisfactory. If an item is unsatisfactory, your written comments must describe the conditions that have made that item unsatisfactory. Be as specific as possible in your comments. Checking an item but leaving no comments indicates the item was satisfactory.

A.1: General Information

A.1.a Date of Daily Report:	Jul 23, 2018
A.1.b Ship Name:	Royal Caribbean Explorer
A.1.b Ship Code:	REX
A.1.c Trip Type:	VO
A.1.d Ocean Ranger Name:	james.ham
A.1.e Location (port name if in-port, general location if not in port):	SKG
A.1.f Date Boarded:	Jul 20, 2018
A.1.g Number of Passengers and Crew-total number onboard [46 USC Sec 3501]:	5118

A.2: WW Information

A.2 Discharge in Alaska on report day?	No
----------------------------------------	----

A.3: WW Sample Information

A.3 Sample Taken (Y/N)- If yes, fill in the following	No
-------------------------------------------------------	----

A.4: Waste Offloads Information

A.4 Waste Offloads (Y/N)- If yes, fill in the following	No
---------------------------------------------------------	----

A.5: Reportable Illness Information

A.5 Reportable Illness - If above 2% threshold and required to report to CDC [42 CFR 71.21]	No
---------------------------------------------------------------------------------------------	----

A.6: Scrubber Information

A.6 Scrubber used today?	No
--------------------------	----

A.7: Fuel Information

A.7 Fuel used today?	0.0003%
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A.8: Other Reports

A.8 Other report(s) worked on today:	None
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A.9: Comments & Photos

General Observation Comments	Beautiful sunny day in SKG. Made observations on open deck as vessel was preparing to dock checking for loose oil and debris on deck and for sheen in surrounding waters. Met with Environmental Officer to
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discuss today port operations that may be relevant to daily reporting. Made visit to ECR to confirm tank levels and to view log books. Made visit to port and starboard bunker station to confirm condition of equipment and space. Made visit to Bow Thruster space to check condition of equipment and for loose oil and grease in rose boxes and bilges. Made visit to port and starboard AZIPOD station to confirm condition of equipment and for loose oil and grease in rose boxes and bilges. Made observations of vessel safety drills to observe how crew members may respond to a real emergency. Vessel Bridge Officer is still under scrutiny for recent rescue boat incident that left crew member in Canadian water while rescue boat was along side vessel. It was brought to Bridge Officer's attention that new Deck Cadet should have not been onboard rescue boat and for him to be at the wheel steering with little experience made the matter much worse. The matter is under investigation, the information that was shared with me I cannot add to this report because of ongoing investigation. I was able to speak with crew member that went over the side of rescue boat as well as deck cadet who was steering boat. They were able to explain to me what they were experiencing at the moment of mishap.

Photo 1



Photo 1 Caption - State specific location in detail, equipment description (if applicable), and date and time photo was taken.

Bow Thruster space 7/23/18 0840

Photo 2

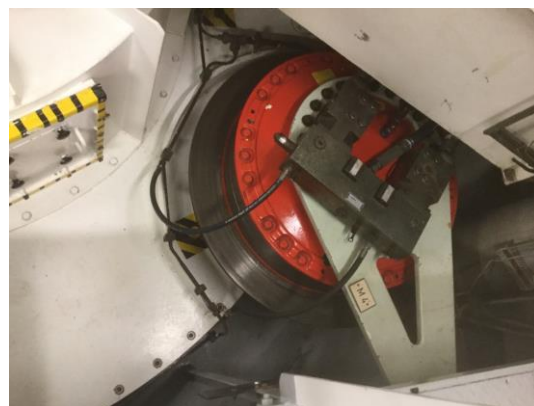


Photo 2 Caption - State specific location in detail, equipment description (if applicable), and date and time photo was taken.

Starboard AZIPOD space. 7/23/18 0915



Photo 3 Caption - State specific location in detail, equipment description (if applicable), and date and time photo was taken.

Port bunker station 7/2318 0930

Photo 4



Photo 4 Caption - State specific location in detail, equipment description (if applicable), and date and time photo was taken.

Checking food waste for plastic in ship galley. 7/23/18 0945

1.1 WW Daily Observations

1.1.a Observed?	Yes
1.1.b Observed?	Yes
Remarks	Viewed logs to confirm
1.1.c Observed?	No
Remarks	Vessel is underway
1.1.d Observed?	No
Remarks	Vessel had no unauthorized discharge
1.1.e Observed?	No
Remarks	Vessel is not authorized to discharge in Alaska waters

1.2 General WW and EPA VGP

1.2.a Observed?	No
1.2.b Observed?	No
1.2.c Observed?	No
1.2.d Observed?	Yes
Remarks	Made observations in these areas to confirm
1.2.e Observed?	No
Remarks	No pool or spa water was discharged today
1.2.f Observed?	No

No wash down was done today.

1.2.g Observed?

No

1.2.h Observed?

No

Remarks

No Scrubber system installed

1.3 Permitted Vessels

1.3.a Observed?

No

Remarks

Vessel is not authorized to discharge in Alaska waters

1.3.b Observed?

No

1.3.c Observed?

No

1.3.d Observed?

No

1.3.e Observed?

No

1.3.f Observed?

No

1.3.g Observed?

Yes

Remarks

Made observations throughout Vessel to confirm

1.3.h Observed?

No

1.3.i Observed?

No

Remarks

Cannot confirm

1.3.j Observed?

No

1.4 Non-Disch Vsls and Permitted Vsls in no-disch areas

1.4.a Observed?

No

Remarks

Vessel had no unauthorized discharge while in Alaska waters

1.4.b Observed?

Yes

Remarks

Made check to confirm

1.4.c Observed?

Yes

Remarks

Vessel has enough storage capacity for port stay

2.1 Solid Waste (Garbage) Daily

2.1.a Observed?

Yes

Remarks

No garbage was offloaded in Alaska port

2.1.b Observed?

No

2.1.c Observed?

Yes

Remarks

Offload receipts are signed

2.1.d Observed?

Yes

Remarks

Made checks to confirm

2.2 General Solid Waste (Garbage)

2.2.a Observed?

No

2.2.b Observed?

Yes

Remarks

Made checks to confirm

2.2.c Observed?

No

No trash chutes

3.1 Haz Waste Daily

3.1.a Observed?

Yes

Remarks

Went over logs with EO

3.1.b Observed?

No

Remarks

No hazardous waste was offloaded today

3.1.c Observed?

Yes

Remarks

Vessel has not reached its storage capacity

3.2 General Haz Waste and Haz Materials

3.2.a Observed?

Yes

Remarks

Can be view in EO office

3.2.b Observed?

Yes

Remarks

Went over offload plan with EO

3.2.c Observed?

Yes

Remarks

Made observations on vessel to confirm

3.2.d Observed?

Yes

3.2.e Observed?

No

Remarks

Have not confirm how all these waste streams are handled

4.1: Visible Emissions; Air Quality

4.1.a Observed?

Yes

Remarks

Vessel does not have a monitoring system installed

4.1.b Observed?

Yes

Remarks

Vessel does self report

5.1: Safety

5.1.a Observed?

Yes

Remarks

While making observations on vessel I observe crew members using proper procedures while cleaning and working

5.1.b Observed?

No

Remarks

No casualties

5.1.c Observed?

No

6.1: Potable Water (if applicable)

6.1.a Observed?

Yes

Remarks

Made observations to confirm that potable water hose was properly connected

6.1.b Observed?

Yes

Remarks

Made check to confirm

6.1.c Observed?

Yes

6.1.d Observed?

Yes

Remarks

Made check on dock to confirm

6.2: Swimming Pool & Spa Sanitation; Safety

6.2.a Observed?	No
6.2.b Observed?	No
6.2.c Observed?	No

7.1: Oil Pollution; Fuel, Daily

7.1.a Observed?	Yes
Remarks	Made observations in surrounding waters to confirm
7.1.b Observed?	Yes
7.1.c Observed?	Yes
Remarks	Logs shows tank to tank transfers
7.1.d Observed?	Yes
Remarks	Did not notice any measurable amount of oil loss from system

7.2: Oil Pollution; OWS

7.2.a Observed?	No
Remarks	Did not observe today
7.2.b Observed?	No
7.2.c Observed?	No
7.2.d Observed?	No
7.2.e Observed?	No
7.2.f Observed?	No
Remarks	Did not observe today
7.2.g Observed?	No
7.2.h Observed?	No
7.2.i Observed?	No
7.2.j Observed?	No

7.3: Bilges

7.3.a Observed?	Yes
Remarks	Made checks in machinery spaces to confirm
7.3.b Observed?	Yes
Remarks	Made checks in machinery spaces to confirm
7.3.c Observed?	No
Remarks	Did not observe today
7.3.d Observed?	Yes
Remarks	Made checks in machinery spaces to confirm
7.3.e Observed?	No
7.3.f Observed?	No

7.4: Oil Sludge Handling

7.4.a Observed?	Yes
Remarks	Is being stored for offload in Victoria
7.4.b Observed?	No

Remarks

Sludge is not incinerated

7.4.c Observed?

No

Remarks

Sludge is not blended with fuel

7.5: Lifeboats; security vessels, Tendering Boats; Deck

7.5.a Observed?

No

7.5.b Observed?

No

7.5.c Observed?

No

7.6: Oil to Sea Interface

7.6.a Observed?

Yes

Remarks

Did not observe any measurable amount of oil loss from system

7.6.b Observed?

No

Remarks

Did not observe today

7.6.c Observed?

Yes

Remarks

Did not observe any measurable amount of oil loss from system

Z.1: Summary, Signature & Submit

Does this report contain an observation of interest? If you had an access issue, that is considered an observation of interest and you should select YES. Please enter a brief description in the comments, and also fill out a General Access Report.

—

Ranger Signature





A.0: Expectations

Complete the following in order of priority:

- Emergency items such as spills, near misses, or marine casualties
- Additional observations as requested by ADEC
- Items of opportunity/special circumstances
- Daily observation checks for each section
- Seasonal checklists
- WW and Oil sections
- Safety, opacity, waste, and sanitation sections

Regardless of the wording in the Job Aid for each monitored item, checking an item indicates only that you have monitored that item during the day, not that the item was satisfactory or unsatisfactory. If an item is unsatisfactory, your written comments must describe the conditions that have made that item unsatisfactory. Be as specific as possible in your comments. Checking an item but leaving no comments indicates the item was satisfactory.

A.1: General Information

A.1.a Date of Daily Report:	Jul 24, 2018
A.1.b Ship Name:	Royal Caribbean Explorer
A.1.b Ship Code:	REX
A.1.c Trip Type:	VO
A.1.d Ocean Ranger Name:	james.ham
A.1.e Location (port name if in-port, general location if not in port):	TA
A.1.f Date Boarded:	Jul 20, 2018
A.1.g Number of Passengers and Crew-total number onboard [46 USC Sec 3501]:	5124

A.2: WW Information

A.2 Discharge in Alaska on report day?	No
----------------------------------------	----

A.3: WW Sample Information

A.3 Sample Taken (Y/N)- If yes, fill in the following	No
-------------------------------------------------------	----

A.4: Waste Offloads Information

A.4 Waste Offloads (Y/N)- If yes, fill in the following	No
---------------------------------------------------------	----

A.5: Reportable Illness Information

A.5 Reportable Illness - If above 2% threshold and required to report to CDC [42 CFR 71.21]	No
---------------------------------------------------------------------------------------------	----

A.6: Scrubber Information

A.6 Scrubber used today?	No
--------------------------	----

A.7: Fuel Information

A.7 Fuel used today?	MGO 0.0005% sulfur
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A.8: Other Reports

A.8 Other report(s) worked on today:	None
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A.9: Comments & Photos

General Observation Comments	Beautiful sunny day in Tracy Arm. Made observations on deck while vessel was preparing to dock checking for loose oil and grease from topside equipment and for sheen in surrounding waters.
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Met with Environmental Officer in his office to discuss ship operation that may be relevant to daily reporting. Made visit to ECR to confirm tank levels and log books. Made safety rounds on open deck with Environmental Officer checking for loose debris on deck and in surrounding waters. Made visit to anchor windlass and stern winch station to observe condition of equipment and for chemicals storage. Made visit to Vessel paint locker to observe how chemicals are being handled and stored. Made visit to ship laundry room to check condition of chemicals storage containment trays and how chemicals are stored and handled. Made visit to ship printing lab to confirm how chemicals are stored and discarded. Made observations confirming how Pool Manger conducted his daily operation of servicing pool and spa equipment as well as testing pool and spa water.

Photo 1



Photo 1 Caption - State specific location in detail, equipment description (if applicable), and date and time photo was taken.

Anchor windlass station.1310 7/24/18

Photo 2



Photo 2 Caption - State specific location in detail, equipment description (if applicable), and date and time photo was taken.

Stern winch station.7/24/18 1330



Photo 3 Caption - State specific location in detail, equipment description (if applicable), and date and time photo was taken.

Vessel paint locker. 7/24/18 1345.

Photo 4



Photo 4 Caption - State specific location in detail, equipment description (if applicable), and date and time photo was taken.

Observing pool and spa water testing @1400
7/24/18

Photo 5



Photo 5 Caption - State specific location in detail, equipment description (if applicable), and date and time photo was taken.

Ship laundry room. @1420 7/24/18

1.1 WW Daily Observations

1.1.a Observed?

Yes

Remarks

Made check in ECR to confirm

1.1.b Observed?

Yes

1.1.c Observed?

No

Remarks

Vessel is underway.

1.1.d Observed?

No

Remarks

Made observations on deck to confirm

1.1.e Observed?

No

Vessel is not authorized to discharge in
Alaska waters

1.2 General WW and EPA VGP

1.2.a Observed? No

1.2.b Observed? No

1.3 Permitted Vessels

1.3.a Observed? No

Remarks Vessel is not authorized to discharge in
Alaska waters

1.3.b Observed? No

1.3.c Observed? No

Remarks Vessel is not authorized to discharge in
Alaska waters

1.3.d Observed? No

1.3.e Observed? No

1.3.f Observed? No

1.3.g Observed? No

Remarks Made checks to confirm

1.3.h Observed? No

1.3.i Observed? No

Remarks Cannot confirm

1.3.j Observed? No

1.4 Non-Disch VsIs and Permitted VsIs in no-disch areas

1.4.a Observed? No

Remarks Vessel had no discharge while in Alaska
waters

1.4.b Observed? Yes

Remarks Made checks in ECR to confirm

1.4.c Observed? Yes

Remarks Vessel has enough storage capacity for port
stay

2.1 Solid Waste (Garbage) Daily

2.1.a Observed? Yes

Remarks Went over logs with EO to confirm

2.1.b Observed? No

Remarks Vessel is underway

2.1.c Observed? Yes

Remarks Receipts are signed

2.1.d Observed? Yes

Remarks Review last discharge receipts

2.2 General Solid Waste (Garbage)

2.2.a Observed? No

2.2.b Observed? Yes

2.2.c Observed?

Made observations to confirm

No

Remarks

No trash chute

3.1 Haz Waste Daily

3.1.a Observed?

Yes

Remarks

Went over logs with EO to confirm

3.1.b Observed?

No

Remarks

Vessel is underway

3.1.c Observed?

Yes

Remarks

Vessel has not reached its storage capacity

3.2 General Haz Waste and Haz Materials

3.2.a Observed?

Yes

3.2.b Observed?

Yes

Remarks

Review offload plan

3.2.c Observed?

Yes

Remarks

Made observations on deck to confirm

3.2.d Observed?

Yes

3.2.e Observed?

No

Remarks

Have not confirmed

3.2.f Observed?

No

4.1: Visible Emissions; Air Quality

4.1.a Observed?

No

Remarks

No monitoring equipment is installed

4.1.b Observed?

Yes

Remarks

Vessel self reports

4.1.c Observed?

No

Remarks

Not in operation at time of observation

4.1.d Observed?

Yes

Remarks

Clear stack emissions

4.1.e Observed?

Yes

Remarks

MGO 0.0005%

5.1: Safety

5.1.a Observed?

Yes

Remarks

Observe crew members using proper procedures while cleaning and working

5.1.b Observed?

No

Remarks

No casualties

5.1.c Observed?

No

6.1: Potable Water (if applicable)

6.1.a Observed?

No

6.1.b Observed?

Vessel is underway

No

6.1.c Observed?

No

6.1.d Observed?

No

6.2: Swimming Pool & Spa Sanitation; Safety

6.2.a Observed?

Yes

Remarks

Went over pool operation with pool manager to confirm

6.2.b Observed?

Yes

Remarks

Observe testing of pool and spa water

6.2.c Observed?

Yes

Remarks

Made observations to confirm

7.1: Oil Pollution; Fuel, Daily

7.1.a Observed?

Yes

Remarks

Did not observe any sheen in surrounding waters

7.1.b Observed?

Yes

Remarks

Entries are current

7.1.c Observed?

Yes

Remarks

Logs shows tank to tank transfers

7.1.d Observed?

Yes

Remarks

Did not observe any measurable amount of oil loss from system

7.2: Oil Pollution; OWS

7.2.a Observed?

No

Remarks

Did not observe today

7.2.b Observed?

No

7.2.c Observed?

No

7.2.d Observed?

No

7.2.e Observed?

No

7.2.f Observed?

No

7.2.g Observed?

No

7.2.h Observed?

No

7.2.i Observed?

No

7.2.j Observed?

No

7.3: Bilges

7.3.a Observed?

No

7.3.b Observed?

No

7.3.c Observed?

No

Remarks

Did not confirm today

7.3.d Observed?

No

7.3.e Observed?

No

7.3.f Observed?

No

7.4: Oil Sludge Handling

7.4.a Observed?

Yes

Remarks

Is being stored for offload in Victoria

7.4.b Observed?

No

Remarks

Sludge is not incinerated

7.4.c Observed?

No

Remarks

Sludge is not blended with fuel

7.5: Lifeboats; security vessels, Tendering Boats; Deck

7.5.a Observed?

No

7.5.b Observed?

No

7.5.c Observed?

No

7.6: Oil to Sea Interface

7.6.a Observed?

Yes

Remarks

Did not observe any measurable amount of oil loss from system

7.6.b Observed?

Yes

Remarks

Entries are current

7.6.c Observed?

Yes

Remarks

Did not observe any oil loss from system

Z.1: Summary, Signature & Submit

Does this report contain an observation of interest? If you had an access issue, that is considered an observation of interest and you should select YES. Please enter a brief description in the comments, and also fill out a General Access Report.

—

Ranger Signature





A.0: Expectations

Complete the following in order of priority:

- Emergency items such as spills, near misses, or marine casualties
- Additional observations as requested by ADEC
- Items of opportunity/special circumstances
- Daily observation checks for each section
- Seasonal checklists
- WW and Oil sections
- Safety, opacity, waste, and sanitation sections

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A.1: General Information

A.1.a Date of Daily Report:	Jul 29, 2018
A.1.b Ship Name:	Royal Caribbean Explorer
A.1.b Ship Code:	REX
A.1.c Trip Type:	VO
A.1.d Ocean Ranger Name:	james.ham
A.1.e Location (port name if in-port, general location if not in port):	JNU
A.1.f Date Boarded:	Jul 20, 2018
A.1.g Number of Passengers and Crew-total number onboard [46 USC Sec 3501]:	5045

A.2: WW Information

A.2 Discharge in Alaska on report day?	No
----------------------------------------	----

A.3: WW Sample Information

A.3 Sample Taken (Y/N)- If yes, fill in the following	No
-------------------------------------------------------	----

A.3.a Type of sample--what was the purpose of the sample (compliance, information, process):

A.4: Waste Offloads Information

A.4 Waste Offloads (Y/N)- If yes, fill in the following	No
---------------------------------------------------------	----

A.5: Reportable Illness Information

A.5 Reportable Illness - If above 2% threshold and required to report to CDC [42 CFR 71.21]	No
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A.6: Scrubber Information

A.6 Scrubber used today?	No
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A.7: Fuel Information

A.7 Fuel used today?	MGO 0.0005%
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A.8: Other Reports

A.8 Other report(s) worked on today:	None
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A.9: Comments & Photos

General Observation Comments	Beautiful sunny day in JNU. Made morning rounds on open deck with Environmental Officer checking for oil and grease from
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topside equipment and for loose debris on deck. Made visit to Environmental Officer office to gather information for daily report. Made observations on open deck as vessel was preparing to dock checking for loose debris on deck and for sheen in surrounding waters. Made visit to ECR to confirm tank levels and to view log books. Made observations in lower engine room to check for loose oil and grease in rose boxes and bilges. Made checks to confirm that overboard valves are closed and locked. Vessel entered Alaska waters @ 0225 this morning.

Photo 1



Photo 1 Caption - State specific location in detail, equipment description (if applicable), and date and time photo was taken.

Checking food waste for plastic 7/29/18
0930

Photo 2



Photo 2 Caption - State specific location in detail, equipment description (if applicable), and date and time photo was taken.

Sludge in drums being prepared for offload in
Victoria 1300 7/29/18

Photo 3



Photo 3 Caption - State specific location in detail, equipment description (if applicable), and date and time photo was taken.

Observing crew members working on # 2
main engine. 1330 7/29/18



Photo 4 Caption - State specific location in detail, equipment description (if applicable), and date and time photo was taken.

Making observations in fuel purifier space
01000 7/29/18

Photo 5



Photo 5 Caption - State specific location in detail, equipment description (if applicable), and date and time photo was taken.

Making observations in the garbage room
7/29/18 0130

1.1 WW Daily Observations

1.1.a Observed?

Yes

Remarks

Went over logs with EO

1.1.b Observed?

Yes

1.1.c Observed?

No

Remarks

No waste shore

1.1.d Observed?

Yes

Remarks

Made checks to confirm

1.1.e Observed?

No

Remarks

Vessel is unauthorized to discharge in Alaska waters

1.2 General WW and EPA VGP

1.2.a Observed?

Yes

Remarks

Boiler waste water can be held in drain tank until 12nm outside of Alaska waters

1.2.b Observed?

No

Remarks

No chemicals are being used

1.2.c Observed?

Yes

Remarks

Unit is in operation

1.2.d Observed?

Yes

Remarks

Made checks with EO to confirm

1.2.e Observed?

Yes

Remarks

No pool water was discharged today

1.2.f Observed?

Yes

Remarks

Did not observe any loose debris in water during ship washing

1.2.g Observed?

No

1.2.h Observed?

No

1.3 Permitted Vessels

1.3.a Observed?

No

1.3.b Observed?

No

1.4 Non-Disch Vsls and Permitted Vsls in no-disch areas

1.4.a Observed?

No

Remarks

Vessel had no discharge while in Alaska waters

1.4.b Observed?

Yes

Remarks

Made checks in lower engine room to confirm

1.4.c Observed?

Yes

Remarks

Vessel has enough storage capacity for port stay

2.1 Solid Waste (Garbage) Daily

2.1.a Observed?

Yes

Remarks

Went over logs with EO

2.1.b Observed?

No

Remarks

No garbage was offloaded

2.1.c Observed?

Yes

Remarks

Made checks to confirm

2.1.d Observed?

Yes

Remarks

Review last discharge receipts

2.2 General Solid Waste (Garbage)

2.2.a Observed?

No

2.2.b Observed?

Yes

Remarks

Made observations on deck to confirm

2.2.c Observed?

No

Remarks

No trash chutes

3.1 Haz Waste Daily

3.1.a Observed?

Yes

Remarks

Went over logs with Environmental Officer

3.1.b Observed?

No

Remarks

No hazardous waste was offloaded

3.1.c Observed?

Yes

Remarks

Vessel has not reached its storage capacity

3.2 General Haz Waste and Haz Materials

3.2.a Observed?	No
3.2.b Observed?	Yes
Remarks	Review last discharge receipts
3.2.c Observed?	Yes
Remarks	Made observations on open deck to confirm
3.2.d Observed?	Yes
3.2.e Observed?	Yes
Remarks	Made checks to confirm that these waste streams are properly handled and stored
3.2.f Observed?	No

4.1: Visible Emissions; Air Quality

4.1.a Observed?	Yes
4.1.b Observed?	Yes
Remarks	Vessel self reports
4.1.c Observed?	No
Remarks	Not in operation
4.1.d Observed?	Yes
Remarks	Clear stack emissions
4.1.e Observed?	Yes
Remarks	MGO 0.0005

5.1: Safety

5.1.a Observed?	Yes
Remarks	Made checks to confirm
5.1.b Observed?	No
Remarks	No casualties
5.1.c Observed?	No

6.1: Potable Water (if applicable)

6.1.a Observed?	No
6.1.b Observed?	No
6.1.c Observed?	No
6.1.d Observed?	No

6.2: Swimming Pool & Spa Sanitation; Safety

6.2.a Observed?	No
6.2.b Observed?	No
6.2.c Observed?	No

7.1: Oil Pollution; Fuel, Daily

7.1.a Observed?	Yes
Remarks	While making observations on deck did not observe any sheen in surrounding waters
7.1.b Observed?	Yes

7.1.c Observed?

Entries are current

Yes

Remarks

Entries shows tank to tank transfers

7.1.d Observed?

No

Remarks

Did not observe any loss of oil from system

7.2: Oil Pollution; OWS

7.2.a Observed?

Yes

Remarks

Did not observe any changes to piping system

7.2.b Observed?

No

7.2.c Observed?

No

7.2.d Observed?

No

7.2.e Observed?

No

7.2.f Observed?

No

Remarks

Did not observe any bypasses

7.2.g Observed?

No

7.2.h Observed?

No

7.2.i Observed?

No

7.2.j Observed?

No

7.3: Bilges

7.3.a Observed?

Yes

Remarks

Made checks to confirm that bilges is free of loose oil and grease

7.3.b Observed?

Yes

Remarks

Made checks to confirm today that rose boxes are free of loose oil and grease.

7.3.c Observed?

No

Remarks

Made checks to confirm

7.3.d Observed?

No

7.3.e Observed?

No

7.3.f Observed?

Yes

Remarks

Made observations to confirm

7.4: Oil Sludge Handling

7.4.a Observed?

Yes

Remarks

Is being stored for offload in Victoria

7.4.b Observed?

Yes

Remarks

Sludge is not incinerated

7.4.c Observed?

Yes

Remarks

Sludge is not blended with fuel

7.5: Lifeboats; security vessels, Tendering Boats; Deck

No

7.5.b Observed?

No

7.5.c Observed?

No

7.6: Oil to Sea Interface

7.6.a Observed?

Yes

Remarks

Did not observe any measurable amount of
oil loss from

7.6.b Observed?

Yes

7.6.c Observed?

No

Remarks

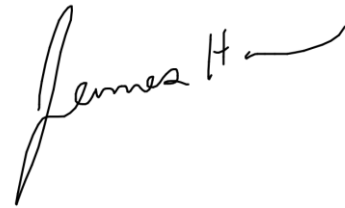
Did not observe any loss of oil from system

Z.1: Summary, Signature & Submit

Does this report contain an observation of interest? If you had an access
issue, that is considered an observation of interest and you should select
YES. Please enter a brief description in the comments, and also fill out a
General Access Report.

—

Ranger Signature

A handwritten signature in black ink, appearing to read "James H." followed by a horizontal flourish.



A.0: Expectations

Complete the following in order of priority:

- Emergency items such as spills, near misses, or marine casualties
- Additional observations as requested by ADEC
- Items of opportunity/special circumstances
- Daily observation checks for each section
- Seasonal checklists
- WW and Oil sections
- Safety, opacity, waste, and sanitation sections

Regardless of the wording in the Job Aid for each monitored item, checking an item indicates only that you have monitored that item during the day, not that the item was satisfactory or unsatisfactory. If an item is unsatisfactory, your written comments must describe the conditions that have made that item unsatisfactory. Be as specific as possible in your comments. Checking an item but leaving no comments indicates the item was satisfactory.

A.1: General Information

A.1.a Date of Daily Report:	Jul 30, 2018
A.1.b Ship Name:	Royal Caribbean Explorer
A.1.b Ship Code:	REX
A.1.c Trip Type:	VO
A.1.d Ocean Ranger Name:	james.ham
A.1.e Location (port name if in-port, general location if not in port):	SKG
A.1.f Date Boarded:	Jul 20, 2018
A.1.g Number of Passengers and Crew-total number onboard [46 USC Sec 3501]:	5045

A.2: WW Information

A.2 Discharge in Alaska on report day?	No
----------------------------------------	----

A.3: WW Sample Information

A.3 Sample Taken (Y/N)- If yes, fill in the following	No
-------------------------------------------------------	----

A.4: Waste Offloads Information

A.4 Waste Offloads (Y/N)- If yes, fill in the following	No
---------------------------------------------------------	----

A.5: Reportable Illness Information

A.5 Reportable Illness - If above 2% threshold and required to report to CDC [42 CFR 71.21]	No
---------------------------------------------------------------------------------------------	----

A.6: Scrubber Information

A.6 Scrubber used today?	No
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A.7: Fuel Information

A.7 Fuel used today?	0.0005%
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A.8: Other Reports

A.8 Other report(s) worked on today:	None
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A.9: Comments & Photos

General Observation Comments	Beautiful sunny day in in SKG. Made morning observations on deck as vessel was preparing to dock checking for loose oil and grease from topside equipment and for sheen in surrounding waters. Met with
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Environmental Officer in his office to gather information for daily reporting. Made visit to ECR to confirm tank levels and to view log books. Made visit to garbage room and hazardous waste space to observe how waste is being separated. Made observations in port and starboard bunker stations checking for loose oil and grease.

Photo 1



Photo 1 Caption - State specific location in detail, equipment description (if applicable), and date and time photo was taken.

Checking dry waste in garbage room @ 0600 7/30/18

Photo 2



Photo 2 Caption - State specific location in detail, equipment description (if applicable), and date and time photo was taken.

Observing how waste is being separated by crew members.@0610 7/30/18

Photo 3



Photo 3 Caption - State specific location in detail, equipment description (if applicable), and date and time photo was taken.

Making observations in Port bunker station 0630 7/30/18



Photo 4 Caption - State specific location in detail, equipment description (if applicable), and date and time photo was taken.

Checking potable water locker.0630 7/30/18

1.1 WW Daily Observations

1.1.a Observed?	Yes
1.1.b Observed?	Yes
Remarks	Went over entries with Environmental Officer
1.1.c Observed?	No
Remarks	No waste water to shore
1.1.d Observed?	Yes
Remarks	At time of observation did not observe
1.1.e Observed?	No
Remarks	Vessel is not authorized to discharge in Alaska waters

1.2 General WW and EPA VGP

1.3 Permitted Vessels

1.3.a Observed?	No
1.3.b Observed?	No
1.3.c Observed?	No
1.3.d Observed?	No
1.3.e Observed?	No
1.3.f Observed?	No
1.3.g Observed?	No
Remarks	At time of observation did not observe any food waste entering GW system
1.3.i Observed?	No
Remarks	Can not confirm
1.3.j Observed?	No

1.4 Non-Disch VsIs and Permitted VsIs in no-disch areas

1.4.a Observed?	No
Remarks	No discharge while in Alaska waters
1.4.b Observed?	Yes
Remarks	Checked on screen position of overboard valves

Yes

2.1 Solid Waste (Garbage) Daily

2.1.a Observed?

Yes

Remarks

Viewed logs in EO office to confirm

2.1.b Observed?

No

Remarks

No garbage was offloaded today

2.1.c Observed?

Yes

2.1.d Observed?

Yes

Remarks

Review last discharge receipts

2.2 General Solid Waste (Garbage)

2.2.a Observed?

No

2.2.b Observed?

Yes

Remarks

Made observations on deck to confirm

2.2.c Observed?

No

Remarks

No trash chute

3.1 Haz Waste Daily

3.1.a Observed?

Yes

Remarks

Logs are current and can be view in EO office

3.1.b Observed?

No

Remarks

No hazardous waste will be offloaded today

3.1.c Observed?

Yes

Remarks

Vessel has not reached its storage capacity

3.2 General Haz Waste and Haz Materials

3.2.a Observed?

Yes

Remarks

Made check to confirm

3.2.b Observed?

Yes

Remarks

Went over offload plan with EO to confirm

3.2.c Observed?

Yes

Remarks

Made observations on deck to confirm

3.2.d Observed?

Yes

Remarks

Waste from hazardous waste locker was offloaded in Victoria

3.2.e Observed?

Yes

Remarks

Made observations to confirm that these waste streams are properly handled and stored

3.2.f Observed?

No

4.1: Visible Emissions; Air Quality

4.1.a Observed?

No

Remarks

No monitoring equipment installed

4.1.b Observed?

Yes

4.1.c Observed?

Vessel self reports

No

Remarks

Not in operation

4.1.d Observed?

Yes

Remarks

Clear stack emissions

4.1.e Observed?

Yes

Remarks

MGO 0.0005%

5.1: Safety

5.1.a Observed?

Yes

Remarks

Crew seems to be well trained in safety procedures

5.1.b Observed?

No

Remarks

No casualties

5.1.c Observed?

No

6.1: Potable Water (if applicable)

6.1.a Observed?

No

6.1.b Observed?

No

6.1.c Observed?

Yes

Remarks

Observe proper storage of potable hoses

6.1.d Observed?

No

6.2: Swimming Pool & Spa Sanitation; Safety

6.2.a Observed?

No

6.2.b Observed?

No

6.2.c Observed?

No

7.1: Oil Pollution; Fuel, Daily

7.1.a Observed?

Yes

Remarks

While making observations on open deck did not observe any sheen in surrounding waters

7.1.b Observed?

Yes

7.1.c Observed?

No

Remarks

Logs shows tank to tank transfers

7.1.d Observed?

No

Remarks

Did not observe any measurable amount of oil loss from system

7.2: Oil Pollution; OWS

7.2.a Observed?

No

Remarks

Did not observe today

7.2.b Observed?

No

7.2.c Observed?

No

7.2.d Observed?

No

7.2.e Observed?

No

7.2.f Observed?

No

7.2.g Observed?	No
7.2.h Observed?	No
7.2.i Observed?	No
7.2.j Observed?	No

7.3: Bilges

7.3.a Observed?	No
Remarks	Did not observe today
7.3.b Observed?	No
Remarks	Did not observe today
7.3.c Observed?	No
7.3.d Observed?	No
7.3.e Observed?	No
7.3.f Observed?	No

7.4: Oil Sludge Handling

7.4.a Observed?	No
Remarks	Sludge is being stored for offload in Victoria
7.4.b Observed?	No
Remarks	Sludge is not incinerated
7.4.c Observed?	No
Remarks	Sludge is not blended with fuel

7.5: Lifeboats; security vessels, Tendering Boats; Deck

7.5.a Observed?	No
7.5.b Observed?	No
7.5.c Observed?	No

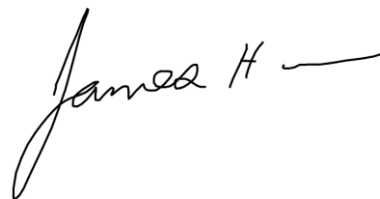
7.6: Oil to Sea Interface

7.6.a Observed?	Yes
Remarks	Made observations to confirm
7.6.b Observed?	Yes
Remarks	Entries are current
7.6.c Observed?	Yes
Remarks	Did not observe any loss of oil from system

Z.1: Summary, Signature & Submit

Does this report contain an observation of interest? If you had an access issue, that is considered an observation of interest and you should select YES. Please enter a brief description in the comments, and also fill out a General Access Report.

—

A handwritten signature in black ink, appearing to read "James H." followed by a horizontal flourish.